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HARRISBURG, PA 17105-2357

Commonwealth of Pennsylvania

REPORT

OF THE

Department of Mines

OF PENNSYLVANIA



PART I--Anthracite

1921-1922

LETTER OF TRANSMITTAL

Department of Mines,

May 29, 1925

To His Excellency, Gifford Pinchot, Governor of Pennsylvania.

Sir: In compliance with the Acts of April 14, 1903 and April 18, 1919, I beg to submit herewith the reports of the Department of Mines for the years ending December 31, 1921 and 1922. Part I covers in detail the operations in the twenty-five Anthracite Districts, and Part II the operations in the thirty Bituminous Districts, as returned by the Inspectors.

Respectively submitted,

JOSEPH J. WALSH,

Secretary of Mines.

REPORT
of the
DEPARTMENT OF MINES

INTRODUCTION

The years covered by this report, 1921-1922, were marked by extreme dullness of trade in 1921 and disastrous strikes in 1922, lasting practically from April 1 to September 11. The production during the latter year was reduced to the lowest figures since 1902.

The total amount of coal produced in Pennsylvania in 1921 was 204,805,776 net tons; in 1922, 162,220,247 net tons. In the anthracite region the production in 1921 was 90,358,642 tons; in 1922, 53,910,201 tons. In the bituminous region the production in 1921 was 114,447,134 tons; in 1922, 108,310,046 tons.

The number of employes in and about the mines was 362,345 in 1921; 354,510 in 1922. In the anthracite region the number was 161,926 in 1921; 159,880 in 1922. In the bituminous region the number was 200,419 in 1921; 194,630 in 1922.

The production of coke in the bituminous region in 1921 was 4,876,289 net tons; in 1922, 7,692,899 net tons.

I. ACCIDENTS

A—Causes of Fatal Accidents, by Counties, 1921

Causes	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Susquehanna	Wayne	Total
INSIDE										
Falls of coal at face, -----				1	15	3	10			29
Falls of coal at pillar work, -----	1			4	7	2	4			18
Falls of coal on gangway, -----					2	1	1			4
Falls of slate at face, -----					1		2			3
Falls of roof at face, -----	1			29	38	5	19	1		93
Falls of roof at pillar work, -----		1		20	18	2	4		2	47
Falls of roof on gangway, tunnel, -----	1			2	12	1	3			19
Falls of roof in chamber, -----				2	3					5
Falls of roof in heading, airway, crosscut, -----					1	1		1		3
Falls of roof in chute, -----	1				2					3
Falls of roof on slope, plane, -----	1	1	1	8	23	2	10			40
Cars on gangway, -----										46
Cars on slope, plane, -----						4		4		8
Cars at foot of shaft, slope, -----				3	6					9
Cars in chamber, -----				3	2		1			6
Explosions of gas at face, -----	1			1	12	3	4			27
Explosions of gas at pillar work, -----							4			4
Explosions of gas on gangway, -----						1		7		8
Explosions of gas in chamber, -----				2	3	3	4			12
Explosions of gas in heading, airway chute, -----				1			1	7		9
Explosions of gas in old workings, -----				2	6					8
Suffocated by gas at face, -----				1				3		4
Suffocated by gas at pillar work, -----					1					1
Suffocated by gas in chamber, heading, chute, -----			2					1		3
Explosions of powder and dynamite, -----						3	3			6
Blasts, premature or otherwise, -----	2			21	21	6	13			63
Falling down shaft, -----				4	3					7
Objects falling down shaft, -----				1	2					3
Struck by descending cage, -----					1				1	
Electricity on gangway, -----				1			3			4
Animals, -----							1	2		3
Fall of person, -----	1					2	6	4		13
Hand tools, -----	1								1	
Handling coal—infection, -----					1					1
Heavy lifting—strained, -----				1	2					3
Machinery, -----				1		1				2
Rush of coal or rock, -----			2		1	1	7			11
Rush of water, -----					2					2
Smothered by slush, -----						2				2
Struck by rail-unloading, -----						1				1
Struck by loose rock or coal, -----				1	3	1	2			7
Struck by rope, -----				1	1					2
Struck by timber (dislodged or being handled), -----						1		3		4
Total inside, -----	7	5	7	111	198	44	127	1	2	502
OUTSIDE										
Cars, -----	2				3	3		6		14
Railroad cars, -----					1	2				3
Machinery, -----	1				3	3	2	4		13
Electricity, -----					1		1	2		4
Fall of person, -----					1	2				3
Flying objects, -----	1				1					1
Object falling from car, -----						1				1
Chute breaking down, -----								1		1
Handling material—infection, -----					1			1		2
Overcome by heat—cleaning boiler, -----					1					1
Squeezed between loft and bale of hay, -----						1				1
Total outside, -----	4				11	12	3	14		44
Grand total, -----	11	5	7	122	210	47	141	1	2	546
Per cent, -----	2.01	.91	1.28	22.35	38.46	8.61	25.83	.18	.37	100.00

A—Causes of Fatal Accidents, by Counties, 1922

Causes	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Total
INSIDE										
Falls of coal at face, -----	1			1	5	3	4			14
Falls of coal at pillar work, -----		1		5		2				8
Falls of coal in chamber, -----				2						2
Falls of slate at face, -----			1	1	2		5			9
Falls of slate at pillar work, -----				1			2			3
Falls of slate on slope, -----							1			1
Falls of roof at face, -----				16	16	1	3			36
Falls of roof at pillar work, -----				9	13			1	1	25
Falls of roof on gangway, -----	1	1		3	5		2			12
Falls of roof in chamber, -----				1	2					3
Falls of roof on slope, -----				2	1					3
Falls of roof in airway, -----					1					1
Falls of roof in old workings, -----			4							4
Cars on gangway or tunnel, -----		3		14	4	9				30
Cars on slope, plane, -----		1		8	1	2			1	13
Cars at face, chamber, -----		3		3						6
Explosions of gas at face, -----				5			2			7
Explosions of gas in chamber, -----	1				2		1			4
Explosions of gas in tunnel, -----					4					4
Explosions of gas in chute, plane, old workings, -----				1	1		1			3
Suffocated by gas at face, -----					1		1			2
Explosion of dynamite in pillar work, -----							1			1
Blasts—premature or otherwise, -----				21	9	3	1	2		36
Falling down shaft, -----				1	2					3
Object falling down shaft, -----				1						1
Struck by cage, -----				1						1
Electricity on gangway, -----				1	1		1			1
Animals, -----					3					3
Fall of person, -----				1	1	2				4
Heart failure—trying to overtake mule, -----					1					1
Rush of coal, -----		1						2		3
Striking against roof or timber—riding, -----							2			2
Struck by loose material, -----				1			4			5
Struck by flying coal—drilling, -----							1			1
Struck by door of mine car, -----					1					1
Struck by prop (dislodged or being handled), -----				1	1	1				3
Struck by pulley, -----				1						1
Struck by timber that rolled off car, -----						1				1
Total inside, -----	3	1	1	75	110	18	47	3	2	260
OUTSIDE										
Cars, -----	1				4	1	7			13
Railroad cars, -----	1				2		1			4
Machinery, -----				1	2		2	1		6
Electricity, -----							1			1
Steam shovel, -----							1			1
Animals, -----			1							1
Burned by acetylene torch, -----				1						1
Burned by steam from hot ashes -----							1			1
Explosion of air receiver—testing drill, -----					1					1
Explosion of steam turbine cylinder -----							1			1
Fell off railroad car, -----					1			1		1
Run over by auto truck, -----					1					1
Rush of rock or culm, -----	1							1		2
Struck by loose material, -----				1		1	2			4
Struck by rope, -----					1					1
Struck by timber thrown by explosion of dynamite, -----							1			1
Total outside, -----	3				4	12	2	18	1	40
Grand total, -----	6	1	1	79	122	20	65	4	2	300
Per cent., -----	2.00	.33	.33	26.33	40.67	6.67	21.67	1.33	.67	100.00

B—Accidents in Which Five or More Persons Were Killed, 1847-1922

Date	Name of colliery	Location of colliery	Cause of accident	Killed
1847	Spencer,	Pottsville,	Explosion of gas,	7
Feb. 6,	Avondale,	Plymouth,	Mine fire,	179
Sept. 1869	Potts,	Locust Dale,	Boiler explosion,	5
1870 March 22,	Heins and Glassmine,	Middleport,	Cage falling down shaft,	3
Aug. 10.	Preston No. 3,	Girardville,	Car falling down slope,	7
Aug. 29,	West Pittston,	West Pittston,	Suffocation by smoke from burning breaker,	20
1871 May 27,	Otto Red Ash,	Branch Dale,	Explosion of gas,	5
Oct. 2,	Henry Clay,	Shamokin,	Explosion of gas,	5
1873 June 10,	Wadesville,	Wadesville,	Explosion of gas,	10
1877 May 9,	Anderson,	Locust Dale,	Explosion of gas,	7
1878 Jan. 15,	Anderson,	Anderried,	Explosion of gas,	6
1879 May 6,	Mill Creek,	Mill Creek,	Explosion of gas,	6
Nov. 2,	Lykens Valley,	Shamokin,	Explosion of gas,	5
1880 May 3,	Kohinoor;	Shenandoah,	Explosion of gas,	5
1882 May 24,	Buck Ridge,	Shamokin,	Mine fire,	5
1884 Aug. 21,	Cuyler,	Raven Run,	Fall of roof,	7
1885 April 6,	West End,	Moenaqua,	Suffocation by gas from boiler fire,	10
Aug. 11,	Plymouth No. 2,	Plymouth,	Explosion of gas,	6
Oct. 21,	Nanticoke No. 1,	Nanticoke,	Inrush of quicksand,	26
Dec. 18,	Fair Lawn,	Scranton,	Explosion of gas,	6
1886 Sept. 13,	Conyngham,	Scranton,	Suffocation by gas,	8
Nov. 26,	Tunnel,	Wilkes-Barre,	Explosion of gas,	12
1887 April 27,	Bast,	Ashland,	Suffocation by gas,	5
Oct. 1,	—	Big Mine Run,	Explosion of gas,	5
1889 May 9,	Kaska,	Middleport,	Car falling on cage in shaft,	5
1890 Feb. 1,	William,	Plymouth,	Explosion of gas,	10
March 3,	Nottingham,	Wilkes-Barre,	Explosion of gas,	8
April 2,	South Wilkes-Barre No. 3,	Nanticoke,	Explosion of gas,	8
May 15,	Susquehanna No. 4,	Ashley,	Drowned by water from old workings,	5
1891 Feb. 4,	Spring Mountain No. 1,	Jeanesville,	Suffocation by gas,	28
Oct. 23,	Richardson,	Glen Carbon,	Explosion of gas,	13
Nov. 8,	Susquehanna No. 1,	Nanticoke,	Drowned by water from old workings,	7
1892 April 20,	Lytle,	Minersville,	Suffocation by gas,	12
July 23,	York Farm,	Pottsville,	Explosion of gas,	8
1893 April 1,	Nelsborough,	Shamokin,	Mine fire,	16
June 22,	Susquehanna No. 1,	Nanticoke,	Explosion of gas,	30
Sept. 21,	Lance No. 11,	Plymouth,	Explosion of gas,	6
1894 Feb. 13,	Gaylord,	Plymouth,	Fall of roof,	6
July 17,	East Sugar Loaf,	Stockton,	Explosion of powder and dynamite,	13
Oct. 8,	Luke Fidler,	Shamokin,	Mine fire,	8
Oct. 11,	Henry Clay,	Shamokin,	Boiler explosion,	6
Feb. 18,	West Bear Ridge,	Mahanoy Plane,	Explosion of gas,	6
Oct. 7,	Dorrance,	Wilkes-Barre,	Explosion of gas,	7
June 28,	Twin,	Pittston,	Fall of roof,	58
Oct. 29,	South Wilkes-Barre No. 3,	Wilkes-Barre,	Explosion of gas,	6

1807	Jan. 13, -----	Wadesville, -----	Crosshead falling down shaft, -----	5
	Sept. 28, -----	Rendham, -----	Mine fire, -----	6
	Oct. 30, -----	Jernyn No. 1, -----	Mine fire, -----	6
	May 26, -----	Von Storch, -----	Drowned by water from old workings, -----	6
1808	Oct. 1, -----	Midvale, -----	Mine fire, -----	6
	Nov. 5, -----	Exeter, -----	West Pittston, -----	7
	Nov. 9, -----	Buck Mountain, -----	Mahanoy City, -----	7
1900	Oct. 25, -----	Buttonwood, -----	Plymouth, -----	6
1901	Nov. 29, -----	Luke Elder, -----	Shamokin, -----	6
1902	Dec. 9, -----	South Wilkes-Barre, -----	Wilkes-Barre, -----	5
1904	Jan. 30, -----	Maple Hill, -----	Mahanoy City, -----	5
	May 5, -----	Lane, -----	Plymouth, -----	5
	May 25, -----	Leolust Gap, -----	Locust Gap, -----	5
	Nov. 2, -----	Auchincloss, -----	Williamstown, -----	10
1905	Feb. 18, -----	Lytle, -----	Nanticoke, -----	10
	March 9, -----	Clear Spring, -----	Minersville, -----	5
	April 29, -----	Conyngham, -----	West Pittston, -----	7
1906	May 15, -----	Shenandoah City, -----	Wilkes-Barre, -----	7
	Aug. 6, -----	Susquehanna No. 7, -----	Shenandoah, -----	7
1907	March 2, -----	Holden, -----	Nanticoke, -----	6
	June 18, -----	Johnson No. 1, -----	Taylor, -----	6
1908	May 12, -----	Mount Lookout, -----	Pittsburgh, -----	7
	May 13, -----	Prospect, -----	Wyoming, -----	7
	July 15, -----	Warrior Run, -----	Midvale, -----	12
	Aug. 28, -----	Pennsylvania No. 14, -----	Wilkes-Barre, -----	5
1909	March 2, -----	Auchincloss, -----	Williamstown, -----	6
	Nov. 9, -----	Nottingham, -----	Wilkes-Barre, -----	6
1910	Jan. 11, -----	South Wilkes-Barre No. 5, -----	Pittston, -----	8
	March 12, -----	April 7, -----	Pittston, -----	8
1911	May 27, -----	Cameron, -----	Wilkes-Barre, -----	9
	Sept. 12, -----	Marvine, -----	Throop, -----	7
	Oct. 3, -----	Dritton No. 2, -----	Wilkes-Barre, -----	7
1912	Jan. 9, -----	Parrish, -----	Shamokin, -----	7
	Aug. 13, -----	East Brookside, -----	Wilkes-Barre, -----	5
1913	May 29, -----	Maryl, -----	Wilkes-Barre, -----	5
	Sept. 16, -----	Lehigh No. 4, -----	Wilkes-Barre, -----	5
	Dec. 9, -----	Diamond, -----	Wilkes-Barre, -----	5
1914	Feb. 17, -----	Prospect, -----	Plymouth, -----	13
	Feb. 8, -----	Lane No. 11, -----	Wilkes-Barre, -----	13
	March 9, -----	Hollenback No. 2, -----	Wilkes-Barre, -----	7
	Aug. 8, -----	Woodward, -----	Edwardsville, -----	6
1915	June 5, -----	Baltimore No. 5 (Baltimore Tunnel), -----	Wilkes-Barre, -----	6
	July 8, -----	Lansford, -----	Wilkes-Barre, -----	92
1916	March 9, -----	Seck, -----	Wilkes-Barre, -----	8
	July 9, -----	Rahn, -----	Wilkes-Barre, -----	5
1921	March 9, -----	Fddy Creek, -----	Wilkes-Barre, -----	6
1922	Nov. 3, -----	Scranton, -----	Wilkes-Barre, -----	6

Note:—January 12, 1846.—At 9 A. M. there was a subsidence of several acres of the surface at drifts Nos. 1 and 2 of the Delaware and Hudson mines at Carbonata, Luzerne (now Lackawanna) County. About 30 miners were at work in the vicinity of the cave-in, 14 of whom were killed. Only 6 bodies were recovered. Accounts of this disaster were published in the *Miners Weekly Journal*, Pottsville, January 17 and 24, 1846.

August 14, 1871.—At 9 A. M. an explosion of gas occurred at the Eagle Shanty mine near Pittston, in which 17 men were killed. The *Public Ledger*, Philadelphia, in its issue of August 16, 1871, gives a brief account of this disaster.

C—Occupations of Persons Fatally Injured, by Counties, 1921

Occupations	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Susquehanna	Wayne	Total	Per cent
INSIDE											
Mine foremen, -----				1	2					3	.60
Assistant mine foremen, -----					5					5	1.00
Fire bosses, -----			2	2	1					5	1.00
Miners, -----	6	3	5	57	105	30	91	1	2	300	59.56
Miners' laborers, -----				28	40	6	12			86	17.13
Machine runners and scrapers, -----				1						1	.20
Motormen, -----				1	1		1			3	.60
Motormen's assistants, -----				1	3					4	.80
Drivers and runners, -----			1		13	1	6			23	4.58
Trackmen, -----				1			1			2	.40
Bratticemen, -----							1			1	.20
Timbermen and roekmen, -----			1	3	1	1				6	1.19
Electricians, -----							1			1	.20
Doorboys, -----										5	.99
All other employes, -----	1	1	1	13	22	5	14			57	11.35
Total inside, -----	7	5	7	111	198	44	127	1	2	502	-----
Per cent, -----	1.39	1.00	1.39	22.11	39.44	8.77	25.30	.20	.40		100.00
OUTSIDE											
Foremen, -----					1					1	2.27
Carpenters, -----					1	1				3	6.82
Engineers and firemen, -----					2		1			3	6.82
Slatepickers (boys), -----							1			1	2.27
All other employes, -----	4			10	8	3	11			36	81.82
Total outside, -----	4			11	12	3	14			44	-----
Per cent, -----	9.09			25.00	27.27	6.82	31.82				100.00
Grand total, -----	11	5	7	122	210	47	141	1	2	546	-----

C—Occupations of Persons Fatally Injured, by Counties, 1922

Occupations	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Total	Per cent
INSIDE											
Mine foremen, -----				1	2					3	1.15
Assistant mine foremen, -----				1	5					7	2.69
Fire bosses, -----					2		1			3	1.15
Miners, -----	2		1	33	48	12	27	2	2	127	48.85
Miners' laborers, -----	1			19	21		7	1		49	18.85
Motormen, -----		1		2	2					5	1.92
Motormen's assistants, -----				1	1					2	.77
Drivers and runners, -----					5	3	3			11	4.23
Trackmen, -----					3					3	1.16
Timbermen and rockmen, -----				6	1					7	2.69
Electricians, -----				1						1	.39
Doorboys, -----					2	1	2			5	1.92
All other employees, -----				11	18	2	6			37	14.23
Total inside, -----	3	1	1	75	110	18	47	3	2	260	-----
Per cent, -----	1.15	.38	.39	28.85	42.31	6.92	18.08	1.15	.77	-----	100.00
OUTSIDE											
Foremen, -----								1		1	2.50
Carpenters, -----	1									1	2.50
Engineers and firemen, -----								1		1	2.50
Machinists, -----					1		1			2	5.00
Slatepickers (boys), -----				1						1	2.50
All other employees, -----	2			3	11	2	15	1		34	85.00
Total outside, -----	3			4	12	2	18	1		40	-----
Per cent, -----	7.50			10.00	30.00	5.00	45.00	2.50		-----	100.00
Grand total, -----	6	1	1	79	122	20	65	4	2	300	-----

D—Nationality of Persons Fatally Injured, by Counties, 1921

Nationality	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Per cent
INSIDE												
American, -	1	3	6	25	49	21	41	-	-	2	146	20.05
Austrian, -	2	-	1	6	7	1	13	-	-	2	31	6.18
English, -	-	-	-	2	4	-	-	-	-	-	6	1.19
Finnish, -	-	-	-	-	1	-	-	-	-	-	1	.20
German, -	-	-	-	2	1	-	-	-	-	-	3	.60
Greek, -	-	-	-	-	1	-	-	-	-	-	1	.20
Irish, -	-	-	-	6	7	-	-	-	-	-	13	2.59
Italian, -	1	-	-	15	16	-	10	-	-	-	42	8.36
Lithuanian, -	-	-	-	9	23	3	29	-	-	-	64	12.75
Magyar, -	-	-	-	-	1	-	-	-	-	-	1	.20
Mexican, -	-	-	-	-	1	-	-	-	-	-	1	.20
Polish, -	-	2	-	33	56	14	17	-	1	-	123	24.50
Russian, -	1	-	-	2	15	2	5	-	-	-	25	4.98
Scotch, -	-	-	1	-	-	-	-	-	-	-	1	.20
Slavonian, -	2	-	-	6	8	2	9	-	-	-	27	5.38
Spanish, -	-	-	-	2	1	-	-	-	-	-	3	.60
Swedish, -	-	-	-	-	2	-	1	-	-	-	3	.00
Syrian, -	-	-	-	-	-	-	2	-	-	-	2	.00
Ukrainian, -	-	-	1	-	-	-	-	-	-	-	1	.00
Welsh, -	-	-	1	1	5	1	-	-	-	-	8	1.59
Total inside, -	7	5	7	111	198	44	127	-	1	2	502	-
Per cent, -	1.39	1.00	1.39	22.11	39.44	8.77	25.30	-	.20	.40	-	100.00
OUTSIDE												
American, -	4	-	-	7	5	2	11	-	-	-	29	65.91
Austrian, -	-	-	-	-	1	-	1	-	-	-	2	4.55
English, -	-	-	-	-	1	-	-	-	-	-	1	2.27
German, -	-	-	-	-	1	-	-	-	-	-	1	2.27
Italian, -	-	-	2	1	-	-	-	-	-	-	3	6.82
Polish, -	-	-	1	2	1	1	-	-	-	-	5	11.26
Slavonian, -	-	-	1	1	-	-	-	-	-	-	2	4.55
Syrian, -	-	-	-	-	-	-	1	-	-	-	1	2.27
Total outside, -	4	-	-	11	12	3	14	-	-	-	44	-
Per cent, -	9.09	-	-	25.00	27.27	6.82	31.82	-	-	-	-	100.00
Grand total, -	11	5	7	122	210	47	141	-	1	2	546	-

D—Nationality of Persons Fatally Injured, by Counties, 1922

Nationality	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Per cent
INSIDE												
American, -----	1	1	1	13	34	10	16	-----	-----	-----	76	29.23
Austrian, -----	1	-----	-----	5	5	-----	3	1	-----	15	5.77	
English, -----	-----	-----	2	1	-----	-----	-----	1	-----	4	1.54	
Greek, -----	-----	-----	-----	-----	-----	-----	2	-----	-----	2	.77	
Irish, -----	-----	-----	8	3	-----	-----	-----	-----	-----	11	4.23	
Italian, -----	1	-----	-----	8	8	1	5	-----	-----	23	8.85	
Lithuanian, -----	-----	-----	-----	8	8	2	9	-----	-----	27	10.38	
Magyar, -----	-----	-----	1	-----	1	-----	-----	-----	-----	2	.77	
Norwegian, -----	-----	-----	-----	1	-----	-----	-----	-----	-----	1	.38	
Polish, -----	-----	-----	-----	17	27	4	4	1	-----	53	20.38	
Russian, -----	-----	-----	4	12	-----	3	2	-----	-----	21	8.08	
Scotch, -----	-----	-----	1	-----	-----	-----	-----	-----	-----	1	.38	
Slavonian, -----	-----	-----	2	4	-----	4	-----	-----	-----	10	3.85	
Spanish, -----	-----	-----	-----	1	-----	-----	-----	-----	-----	1	.38	
Swedish, -----	-----	-----	-----	1	-----	-----	-----	-----	-----	1	.39	
Welsh, -----	-----	-----	6	5	-----	1	-----	-----	-----	12	4.62	
Total inside, -----	3	1	1	75	110	18	47	3	2	260	-----	
Per cent, -----	1.15	.38	.39	28.85	42.31	6.92	18.08	1.15	.77	-----	100.00	
OUTSIDE												
American, -----	1	-----	-----	3	9	1	9	1	-----	24	60.00	
Austrian, -----	-----	-----	-----	-----	1	-----	2	-----	-----	3	7.50	
Greek, -----	-----	-----	-----	-----	-----	-----	1	-----	-----	1	2.50	
Hungarian, -----	1	-----	-----	-----	-----	-----	-----	-----	-----	1	2.50	
Irish, -----	-----	-----	1	-----	-----	-----	-----	-----	-----	1	2.50	
Italian, -----	-----	-----	-----	-----	-----	2	-----	-----	-----	2	5.00	
Lithuanian, -----	-----	-----	-----	-----	-----	1	-----	-----	-----	1	2.50	
Polish, -----	-----	-----	-----	1	1	-----	-----	-----	-----	2	5.00	
Russian, -----	-----	-----	-----	1	-----	1	-----	-----	-----	2	5.00	
Slavonian, -----	1	-----	-----	-----	-----	1	-----	-----	-----	1	5.00	
Welsh, -----	-----	-----	-----	-----	-----	1	-----	-----	-----	1	2.50	
Total outside, -----	3	-----	-----	4	12	2	18	1	-----	40	-----	
Per cent, -----	7.50	-----	-----	10.00	30.00	5.00	45.00	2.50	-----	-----	100.00	
Grand total, -----	6	1	1	79	122	20	65	4	2	300	-----	

E.—Nationality of Employees and Number Killed, 1921-1922

Nationality	1921						1922					
	Employees			Fatalities			Employees			Fatalities		
	Inside	Outside	Total	Falls	Total	Total	Inside	Outside	Total	Falls	Total	Total
American	41,189	29,436	70,625	49	146	20	175	43,630	29,585	73,215	23	76
Arabian	6,673	2,549	9,222	10	31	2	33	6,206	2,121	8,326	4	15
Austrian	3	1	4	—	—	—	—	5	1	5	—	3
Belgian	51	21	72	—	—	—	—	71	17	88	—	—
Bohemian	1	—	1	—	—	—	—	—	—	—	—	—
Bulgarian	11	6	17	—	—	—	—	42	8	50	—	—
Canadian	39	—	39	—	—	—	—	17	1	18	—	—
Croatian	27	2	29	—	—	—	—	20	1	21	—	—
Czecho-Slovakian	2,141	611	2,752	1	6	1	7	1,817	589	2,406	3	4
Danish	41	—	41	1	1	—	—	11	4	15	—	—
Dutch	36	11	47	—	—	—	—	5	—	5	—	—
English	873	484	1,357	3	3	1	4	991	454	1,445	—	—
French	3	—	3	—	—	—	—	—	—	—	—	—
German	490	303	793	1	1	—	—	614	279	893	1	2
Greek	113	31	144	—	—	—	—	143	26	169	—	1
Horwet	1,486	468	1,954	—	—	—	—	1,278	552	1,830	—	—
Hungarian	2,306	792	3,098	5	13	—	—	2,172	861	3,033	3	11
Irish	9,161	2,932	12,093	20	42	3	45	9,081	2,890	11,961	15	23
Italian	1	—	1	—	—	—	—	1	2	3	—	—
Jewish	11,401	698	12,099	36	64	—	—	11,279	766	12,045	12	27
Lithuanian	33	—	33	1	1	—	—	—	—	—	2	—
Magyar	33	—	33	1	1	—	—	35	—	35	—	—
Mexican	77	2	79	—	—	—	—	99	1	100	—	—
Montenegrin	7	—	7	—	—	—	—	2	1	3	—	1
Norwegian	22,714	2,212	24,926	68	123	6	128	21,570	2,362	23,932	33	53
Polish	82	2	84	—	—	—	—	208	2	210	—	2
Portuguese	7,086	1,230	8,265	13	25	—	—	6,116	1,243	7,359	15	21
Roumanian	2	—	2	—	—	—	—	—	—	—	2	—
Scotch	310	116	426	1	1	—	—	339	130	489	1	1

F—Operators Having Fatalities, 1921

Operators	Causes of fatalities inside						Causes of fatalities outside						Fatalities inside and outside per 1,000 employees	Fatalities inside and outside per 1,000,000 tons produced
	Falls	Cars	Gas	Electricity	Miscellaneous	Total	Cars	Machine- ery	Electric- ity	Mis- cel- laneous	Total			
Alden Coal Co.,	2	1	2		4	3	5.12					3.80	7.34	
Alliance Coal Mining Co.,						6	15.92					11.41	30.60	
Archbald Coal Co.,						3	12.15					3.56	15.42	
Buck Ridge Coal Mining Co.,						1	14.74					8.24	15.02	
Buck Run Coal Co.,	1	2	2		1	6	14.74					11.07	19.22	
Colonial Colliery Co.,						1	2.30						5.35	
John Conlon,	1					1	9.35					7.69	14.88	
Coxe Brothers & Co., Inc.,	5	1				11	5.71					4.60	5.64	
Cranberry Creek Coal Co.,	3	1				1	5.70					4.47	5.93	
Darkwater Coal Co.,												5.71	9.45	
Charles M. Dodson & Co.,												4.95	7.29	
East Bear Ridge Colliery Co.,						1	4.65					1.98	3.29	
East Boston Coal Co.,		1					1					1	2.33	
Eclipse Coal Co.,		1					1	3.23				2.40	5.78	
Enterprise Coal Co.,						1	66.67					40.00	357.91	
Excelsior Coal Co.,						2	4.72					3.37	8.91	
Glen Alden Coal Co.,		1				3	18.40					9.90	13.22	
Greenough Red Ash Coal Co.,		28	8	4	1	19	60	4.24	1	2	3	3.62	5.34	
Haddock Mining Co.,						2	5.85					4.11	7.77	
Hartleugh-Brookwood Coal Co.,						1	3.64					2.68	5.55	
Harwood Coal Co.,						1	2.13					1.32	2.23	
Healey Coal Co.,						1	4.88					2.50	9.24	
Hillman Coal Co.,						1	9.09					6.76	18.34	
Hillside Coal & Iron Co.,						1	5.18					4.07	9.43	
Hudson Coal Co.,		3	3	8		7	2.87					1	2.46	
Jeddo-Highland Coal Co.,		33	8	5		15	63	4.64	3	1	1	6	5.26	
Kingston Coal Co.,	4					1	5	3.10	4	1	1	3	6.33	
Lackawanna Coal Co., Ltd.,	2	1	1			1	5	3.40				2.47	5.32	
George F. Lee Coal Co.,						1	2.53					1.81	3.61	
Leggett Creek Anthracite Co.,						1	3.95					1.76	18.17	
Lehigh & Wilkes-Barre Coal Co.,	1					1	3.60					5.00	5.00	
Lehigh Coal & Navigation Co.,	22	3	4			5	34	4.41				3.33	5.49	
Lehigh Valley Coal Co.,	5	2	6			5	20	3.75	2		1	3.43	6.07	
Lorenz Mountain Coal Co.,	20	10	7			7	44	4.49		1	1	3.38	5.11	
Lytle Coal Co.,	1					1	3	7.14				3.48	4.55	
Maryd Coal Co.,	3					6	9	20.71				12.80	25.30	
Mid City Coal Co.,						2	6.80					6.96	9.07	
						1						6.54	12.65	

Midvalley Coal Co.,	7.72
Mill Creek Coal Co.,	4.56
Mount Lookout Coal Co.,	2
Mount Jessup Coal Co., Ltd.,	2
Oak Hill Coal Co.,	2
Pardee Brothers & Co., Inc.,	2
Pennsylvania Coal Co.,	2
Philadelphia & Reading Coal & Iron Co.,	2
Pittsfield-Panhandle Coal Co.,	2
Richmonddale Coal Co.,	2
Scranton Anthracite Coal Co.,	2
Scranton Coal Co.,	2
Spencer Coal Co.,	2
Saint Clair Coal Co.,	2
Susquehanna Collieries Co.,	2
Temple Coal Co.,	2
Thomas Colliery Co.,	2
Traders Coal Co.,	2
"Trevorton Colliery Co.,	2
Von Storch Collieries Co.,	2
J. S. Wentz Co.,	2
West End Coal Co.,	2
Wolfe Collieries Co., Inc.,	2

F.—Operators Having Fatalities, 1922

Operators	Causes of fatalities inside					Causes of fatalities outside					Fatalities inside and outside per 1,000 employees produced
	Falls	Cars	Gas	Electricity	Miscellaneous	Cars	Manufactery	Electricity	Miscellaneous	Total	
Alden Coal Co.,	1	1				2	3.76		1		2.76
Black Heath Coal Co.,									1	1	47.62
Blakely Red Ash Coal Co.,									1	1	147.45
Buck Run Coal Co.,	1	1				2	5.12				27.03
Central Coal Co.,	2					2	16.53				3.67
Colonial Colliery Co.,						1	2.27				11.49
Connell Anthracite Coal Co.,						1	2.79		1	1	1.50
Coxe Brothers & Co., Inc.,	1					1	.61		1	2	3.82
Cranberry Creek Coal Co.,		1							1	2	3.04
East Boston Coal Co.,						1			1	1	.77
Enterprise Coal Co.,						1	2.41			1	1.83
Excelsior Coal Co.,						1	2.82				7.38
Glen Alden Coal Co.,	24	9	1	6		40	3.06	1	1	1	1.90
Haddock Mining Co.,	1					1	3.70		1	2	3.60
Harlinton-Brookwood Coal Co.,						1	2.15				2.72
Healey Coal Co.,	1					1	9.35				1.31
Hillman Coal Co.,						1	4.17				6.85
Hillside Coal & Iron Co.,	3	1				4	1.74				3.38
Hudson Coal Co.,	14	4				17	3.64	2		3	1.31
Jeddo-Highland Coal Co.,						1	.64			5	2.37
Kingston Coal Co.,	1	1				2	1.49	1		1	1.62
Lackawanna Coal Co., Ltd.,						1	2.43				1
George F. Lee Coal Co.,						1	6.67				5.41
Leggett Creek Anthracite Co.,	1					1	6.67				3.69
Lehigh & Wilkes-Barre Coal Co.,	10	3	9	1		3	4.88				2.40
Lehigh Coal & Navigation Co.,		3	3	2		23	3.20	1		1	6.43
Lehigh Valley Coal Co.,	17	5	4	1		9	3.53	1	2	3	3.78
Locust Mountain Coal Co.,	1					1	5.52	2		2	8.00
Lytle Coal Co.,	1					1	2.25			1	4.56
Maryd Coal Co.,						1	3.55			1	4.01
Mill Creek Coal Co.,						1	2.25			1	2.34
W. Y. Moffat Coal Co.,		1				1	2.25			1	5.11
Mount Jossup Coal Co., Ltd.,	1					1	8.55		1	1	1.61
Mount Lookout Coal Co.,						1	1.74		1	1	7.09
Northern Anthracite Coal Co.,						2	7.97		2	3	4.97
Pennsylvania Coal Co.,						2	15.04		2	1	1.39
Philadelphia & Reading Coal & Iron Co.,	11	1				16	1.68		1	1	4.97
	14	7	1			4	5		1	3	1.39
									2	1	4.26

G—Total Production, Production from Washerries, Employes, Fatalities, 1870-1922

Years	Employes	Fatalities	Total production (net tons)	Production from washerries (net tons)	Production per fatality	Fatalities per 1,000,000 tons produced
1870, -----	35,600	211	14,172,004	-----	67,166	14.89
1871, -----	37,488	210	15,532,252	-----	73,963	13.52
1872, -----	44,745	223	15,567,973	-----	69,811	14.32
1873, -----	48,199	264	21,001,521	-----	79,551	12.57
1874, -----	53,402	231	19,930,240	-----	86,278	11.59
1875, -----	69,966	238	23,402,646	-----	98,330	10.17
1876, -----	70,474	228	23,440,666	-----	102,810	9.73
1877, -----	66,842	194	24,727,213	-----	127,460	7.85
1878, -----	63,964	187	20,900,966	-----	111,770	8.95
1879, -----	68,847	262	31,036,600	-----	118,460	8.44
1880, -----	73,373	202	27,974,532	-----	138,488	7.22
1881, -----	76,031	273	34,202,558	-----	125,284	7.98
1882, -----	82,200	295	35,057,430	-----	118,839	8.41
1883, -----	91,421	323	37,747,369	-----	116,865	8.56
1884, -----	101,073	332	36,468,738	-----	109,846	9.10
1885, -----	100,320	332	38,232,155	-----	115,157	8.68
1886, -----	103,044	279	38,950,932	-----	139,609	7.16
1887, -----	106,517	316	42,156,300	-----	133,406	7.50
1888, -----	122,218	364	46,635,037	-----	128,118	7.81
1889, -----	119,646	397	43,650,768	-----	109,952	9.09
1890, -----	119,919	378	44,986,286	-----	119,011	8.40
1891, -----	123,308	428	49,701,322	-----	116,125	8.61
1892, -----	130,300	418	51,226,978	-----	122,553	8.16
1893, -----	138,069	456	52,841,110	-----	115,880	8.63
1894, -----	139,939	446	50,966,920	386,960 ¹	114,276	8.75
1895, -----	143,705	421	56,948,756	686,534	135,270	7.39
1896, -----	150,088	502	53,843,250	527,809	107,257	9.32
1897, -----	149,557	423	52,581,036	732,743	124,305	8.04
1898, -----	142,420	411	52,812,675	697,759	128,498	7.78
1899, -----	140,604	461	60,518,331	1,055,425	131,276	7.62
1900, -----	143,824	411	57,363,306	1,818,170	130,570	7.16
1901, -----	147,651	513	67,094,665	2,009,864	130,780	7.65
1902, -----	148,139	300	41,340,935	2,965,792	137,803	7.26
1903, -----	151,827	518	75,232,585	4,119,258	145,237	6.89
1904, -----	161,330	505	73,504,369	3,440,420	123,688	8.68
1905, -----	168,254	644	78,647,020	3,897,088	122,128	8.19
1906, -----	166,175	557	72,139,510	4,880,402	129,514	7.72
1907, -----	168,774	708	56,056,412	5,630,169	121,549	8.23
1908, -----	174,503	678	53,543,243	4,685,923	123,220	8.12
1909, -----	171,195	567	80,223,833	5,206,562	141,488	7.07
1910, -----	168,175	601	83,683,994	5,412,167	139,241	7.18
1911, -----	173,338	699	90,917,176	4,555,437	130,067	7.69
1912, -----	175,098	601	84,426,809	4,317,161	140,477	7.12
1913, -----	175,310	624	91,626,964	2,934,157	146,838	6.81
1914, -----	180,809	600	91,189,641	2,702,537	151,983	6.58
1915, -----	177,339	588	89,377,706	3,418,427	152,003	6.58
1916, -----	159,169	565	87,680,198	4,482,606	155,186	6.44
1917, -----	156,148	581	100,445,299	6,408,277	172,883	5.78
1918, -----	148,226	566	99,445,794	7,246,454	178,859	5.59
1919, -----	153,750	636	87,838,024	3,616,675	138,110	7.24
1920, -----	149,117	490	89,636,036	5,435,697	182,931	5.47
1921, -----	161,926	546	90,358,642	1,842,096	165,492	6.04
1922, -----	159,880	300	53,910,201	2,525,402	179,701	5.56
Total, -----	6,653,356	22,583	2,972,987,076	97,538,591	131,647	7.60

¹No accurate record previous to 1894

II Production
A—Tonnage (Net) 1921-1922

1921

	Carbon	Columbia	Dauphin	Lacka-wanna	Luzerne	Northum-berland	Schuylkill	Sullivan	Susque-hanna	Wayne	Total	Per Cent
Nature of use												
Shipped to market, --	2,506,013	1,198,114	658,959	17,550,275	31,618,629	5,911,005	17,578,533	323,232	572,574	36,600	77,984,929	86.31
Consumed at collieries, --	238,754	180,671	214,700	1,632,211	3,633,711	986,486	2,804,242	58,240	46,367	2,611	9,807,193	10.85
Sold locally, --	57,918	23,790	37,887	512,829	1,400,862	176,162	352,227	8,237	15,421	327	2,565,720	2.84
Total production, --	2,802,655	1,402,575	911,546	19,686,315	36,683,292	7,084,343	20,715,007	389,709	634,662	39,538	90,358,642	100.00
Per cent, -----												
3.10												
Average days worked, --	257		281	282	296	270	275	280	217	298	292	#271

1922

Nature of use												
Shipped to market, --	1,743,038	746,787	485,033	9,963,506	17,615,932	3,562,442	10,871,907	182,239	321,618	21,429	45,514,224	84.43
Consumed at collieries, --	197,634	127,575	173,938	881,162	2,118,118	762,094	1,879,968	34,720	34,906	802	6,212,299	11.52
Sold locally, --	57,141	23,801	437,936	1,131,350	165,358	319,473	7,364	13,586	318	2,183,768	4.06	
Total production, --	1,997,813	886,463	11,283,004	20,865,400	4,490,794	13,071,248	224,323	370,121	22,632	53,910,201	100.00	
Per cent, -----												
3.70												
Average days worked, --	154	138	148	131	145	155	156	113	160	143	#143	

Not including washeries.

B—Employees Classified by Occupation, 1921

Districts													
1		2		3		4		5		6		7	
INSIDE													
Mine foremen, -	21	16	13	11	11	11	11	11	11	11	11	11	
Assistant mine foremen, -	46	63	47	15	35	30	18	64	56	44	25	24	
Fire bosses, -	8	3	1,728	1,574	1,507	1,581	887	1,306	2,026	1,646	1,522	1,202	
Miners; laborers, -	1,637	1,578	1,574	1,581	11	11	11	1,202	1,634	2,149	1,786	1,068	
Machine miners, -	848	1,507	1,581	887	887	887	887	1,202	1,634	1,522	1,202	1,068	
Machine runners and scrapers, -	49	19	6	11	11	11	11	16	14	14	14	14	
Drivers and runners, -	267	435	625	368	368	368	368	175	300	211	211	494	
Motormen and assistants, -	164	290	228	128	217	217	217	307	203	364	307	500	
Doorboys and helpers, -	52	124	64	67	67	67	67	28	72	69	69	117	
Trackmen and brattlemen, -	129	144	119	76	120	136	120	126	226	150	179	103	
Timbermen and rockmen, -	21	61	94	89	89	89	89	97	88	111	111	102	
Pumpmen and pipemen, -	66	42	62	54	42	42	42	53	62	121	121	77	
Electricians and helpers, -	22	14	26	25	25	25	25	27	43	41	41	14	
All other employees, -	468	502	636	508	508	508	508	584	506	497	497	935	
Total inside, -	3,825	4,943	5,025	3,223	3,823	5,415	4,502	7,128	3,923	4,502	4,502	5,887	
OUTSIDE													
Superintendents, -	12	9	5	10	7	11	6	6	8	9	8	2	
Blacksmiths and carpenters, -	18	18	11	10	14	16	9	12	18	18	18	7	
Engineers and firemen, -	106	92	112	80	158	224	126	255	175	122	122	12	
Mechanists and helpers, -	178	210	169	113	99	207	110	224	225	219	219	120	
Trackmen and helpers, -	37	50	38	20	20	20	29	84	34	31	31	20	
Statepickers (boys), -	22	22	6	3	6	21	23	26	16	21	21	28	
Statepickers (men), -	151	58	47	107	167	217	184	211	133	114	114	26	
Office employees, -	87	88	100	67	84	90	40	89	60	40	40	8	
All other employees, -	858	954	712	444	540	1,020	20	31	28	40	35	33	
Total outside, -	1,506	1,528	1,231	876	1,065	1,906	1,228	673	1,247	815	636	1,025	
Grand total, -	5,331	6,471	6,256	4,099	4,888	7,324	5,730	9,312	5,448	6,238	7,022	7,506	

B—Employees Classified by Occupation, 1921—Continued

Districts												Total
14	15	16	17	18	19	20	21	22	23	24	25	
INSIDE												
Mine foremen, -----	21	34	23	11	23	14	12	19	25	14	13	11
Assistant mine foremen, -----	42	64	40	18	56	55	124	103	116	38	78	83
Fire bosses, -----	75	12	9	68	29	30	1,210	1,429	10	43	32	21
Miners, -----	2,321	2,334	1,635	1,660	2,332	1,201	1,429	1,926	2,045	2,330	1,818	1,251
Miners' laborers, -----	1,604	954	822	11	517	497	714	749	694	957	430	356
Machine miners, -----												29,047
Machine runners and scrapers, -----												156
Drivers and runners, -----												134
Motormen and assistants, -----												8,111
Doorboys and helpers, -----												3,842
Trackmen and bratticemen, -----												1,720
Timbermen and rockmen, -----												4,298
Pumpmen and pipemen, -----												5,100
Electricians and helpers, -----												1,606
All other employees, -----												488
Total inside, -----	6,067	4,895	3,549	4,739	4,780	3,388	4,142	4,562	5,185	4,286	3,855	3,753
OUTSIDE												
Superintendents, -----	7	7	10	8	9	11	10	5	7	5	8	2
Foremen, -----	14	25	29	17	25	19	28	19	12	12	11	175
Blacksmiths and carpenters, -----	187	197	195	163	152	110	100	204	163	138	98	402
Engineers and firemen, -----	238	313	272	288	307	295	283	318	403	225	274	3,619
Machinists and helpers, -----	83	53	55	196	51	24	16	49	34	42	23	299
Trackmen and helpers, -----	50	71	101	36	21	11	59	33	23	25	34	1,133
Slatepickers (boys), -----	162	98	144	67	149	144	86	204	138	150	99	740
Slatepickers (men), -----	46	90	45	12	76	70	121	91	185	67	74	3,272
Office employees, -----	64	52	72	45	46	54	46	71	62	46	47	1,728
All other employees, -----	1,163	1,547	1,506	806	1,612	1,110	1,170	1,536	1,724	989	1,053	1,041
Total outside, -----	2,014	2,453	2,394	1,763	2,463	1,858	2,565	2,768	1,747	1,708	1,809	26,389
Grand total, -----	8,081	7,348	5,943	6,502	7,243	5,246	5,984	7,127	7,953	6,033	5,583	161,976

B—Employees Classified by Occupation, 1922

Districts												
1	2	3	4	5	6	7	8	9	10	11	12	13
INSIDE												
Mine foremen, -----	24	15	14	11	14	23	18	23	19	21	16	19
Assistant mine foremen, -----	47	72	67	24	37	68	63	71	100	68	68	53
Fire bosses, -----	8	3	34	21	18	27	2	47	19	24	64	72
Miners, -----	1,730	1,780	1,630	906	1,140	1,948	1,586	2,544	1,746	1,974	1,832	2,117
Miners' laborers, -----	883	1,563	1,666	918	1,061	1,573	1,498	2,081	594	1,152	1,013	1,317
Machine miners, -----	63	65	13	56	16	2	-----	6	4	2	-----	1,2,9
Machine runners and scrapers, -----	64	29	14	40	14	16	-----	4	4	4	-----	-----
Drivers and runners, -----	246	439	485	360	183	268	223	582	497	561	503	589
Motormen and assistants, -----	170	323	245	128	183	327	211	379	112	168	153	334
Doorboys and helpers, -----	58	104	57	53	24	52	29	101	60	70	202	164
Trackmen and bratticemen, -----	142	155	128	89	104	128	123	248	150	173	107	159
Timbermen and rockmen, -----	46	43	91	88	67	67	91	135	94	208	187	203
Pumpmen and plowmen, -----	54	49	70	66	45	52	46	63	119	77	90	127
Electricians and helpers, -----	18	11	30	24	22	38	34	60	11	20	16	118
All other employers, -----	326	494	569	465	312	587	458	991	369	533	845	767
Total inside, -----	3,879	5,145	5,113	3,239	3,232	5,174	4,387	7,273	3,899	5,083	5,126	5,677
OUTSIDE												
Superintendents, -----	17	12	6	8	9	11	10	6	8	7	2	6
Foremen, -----	23	24	14	10	16	17	13	10	17	19	13	13
Blacksmiths and carpenters, -----	104	109	114	88	101	116	119	226	165	116	79	142
Engineers and firemen, -----	167	171	161	105	101	205	107	222	221	177	258	187
Machinists and helpers, -----	35	50	33	8	25	65	35	86	33	23	19	45
Trackmen and helpers, -----	30	24	7	1	7	27	23	26	19	20	11	7
Shatepickers (boys), -----	132	67	44	104	106	148	210	210	131	102	98	192
Shatepickers (men), -----	71	91	114	71	37	83	35	36	39	43	59	38
Office employees, -----	46	36	36	20	18	32	31	28	40	35	33	33
All other employees, -----	855	1,054	766	439	650	1,116	693	1,286	779	751	989	1,024
Total outside, -----	1,480	1,638	1,295	854	1,070	1,820	1,276	2,136	1,442	1,293	1,561	1,588
Grand total, -----	5,339	6,783	6,408	4,093	4,302	6,904	5,663	9,409	5,311	6,376	6,987	7,265

Districts											Total
14	15	16	17	18	19	20	21	22	23	24	
INSIDE											
Mine foremen, -	19	36	23	10	22	15	13	21	17	15	12
Assistant mine foremen, -	45	70	41	18	36	54	129	94	61	64	83
Fire bosses, -	75	14	7	30	35	16	15	40	31	21	745
Miners, -	2,209	2,322	1,6326	1,524	2,189	1,2378	1,7784	1,824	2,316	2,044	1,321
Miners' laborers, -	1,5063	951	814	26	506	431	539	472	594	464	383
Machine miners, -	3										227
Machine runners and scrapers, -	333	317	252	83	264	206	217	155	213	300	244
Drivers and runners, -	276	112	79	188	91	53	15	98	100	73	49
Motormen and assistant(s), -	82	36	49	24	24	8	40	30	57	39	42
Doorboys and helpers, -	207	186	163	106	147	121	237	156	229	150	174
Trackmen and brattieenmen, -	261	410	191	756	319	199	234	397	426	288	321
Timbermen and rockmen, -	58	82	70	13	45	60	50	53	80	73	87
Pumpmen and pipemen, -	26	19	7	50	11	11	4	22	16	6	79
Electricians and helpers, -	716	403	236	1,494	906	888	1,025	892	614	899	779
All other employees, -											803
Total inside, -	5,903	4,958	3,548	4,429	4,610	3,299	4,235	4,235	4,232	4,668	4,320
OUTSIDE											
Superintendents, -	8	7	11	9	9	11	11	5	7	4	6
Blacksmiths and carpenters, -	15	25	30	27	19	19	11	17	20	18	2
Engineers and firemen, -	192	176	182	198	164	109	103	206	156	138	111
Machinists and helpers, -	235	310	233	214	318	205	283	278	207	298	291
Trackmen and helpers, -	82	50	63	163	56	27	14	36	35	37	23
Shatepickers (boys), -	40	53	69	77	39	24	5	46	27	35	29
Office employees, -	169	86	145	66	188	146	80	220	135	185	154
All other employees, -	61	47	71	42	49	63	57	72	106	152	76
Total outside, -	1,185	1,409	1,590	1,004	1,496	1,341	1,228	1,730	1,444	1,124	1,161
Grand total, -	7,917	7,260	5,981	6,306	7,018	5,370	6,181	6,952	6,566	6,628	5,217

C—Power and Haulage Equipment, 1921

Districts	Power plant		Engines		Pumps		Haulage		Air compressors			
	Boilers	Tubular	Steam engines (all classes)	Internal combustion engines (gas)	Electric dynamos (all classes)	Number	Gallons per minute	Locomotives		Number		
								Horses and mules	Steam	Air		
1, -----	6	120	111	13,778	162	36	5,046	135	62,016	43	24,508	
2, -----	6	65	14,088	161	11,077	31	104,025	137	60,934	58	28,920	
3, -----	15	2,955	50	12,260	154	14	2,500	97	60,934	28	22,100	
4, -----	13	215	45	8,190	106	19	2,980	88	45,082	22	15,875	
5, -----	6	60	48	16,758	69	22	10,172	108	53,670	21	11,100	
6, -----	6	630	75	18,970	154	30	9,879	140	68,034	31	28,890	
7, -----	13	1,690	56	10,270	99	7	2,300	133	79,100	32	47,290	
8, -----	13	1,630	133	24,345	227	4	7,433	199	81,698	27	29,100	
9, -----	12	3,600	65	18,008	235	30	6,368	205	98,460	45	36,849	
10, -----	3	1,100	54	12,076	208	29	6,662	155	76,823	36	30,835	
11, -----	9	2,250	88	21,399	365	6	15	4,680	160	60,191	22	11,816
12, -----	10	1,625	413	75,412	1	1	1	1	152,739	21	14,257	
13, -----	10	1,625	72	14,673	206	9	2,137	133	64,905	37	24,039	
14, -----	14	-----	62	16,843	129	4	6,650	148	52,541	37	17,402	
15, -----	15	-----	127	29,375	210	13	1,941	128	92,900	55	53,500	
16, -----	16	-----	127	19,930	149	11	1,517	114	94,097	56	59,466	
17, -----	17	-----	71	16,123	37	16,815	-----	* 30	65,615	11	21,700	
18, -----	18	-----	124	21,106	35,505	4	18	1,302	136	116,005	49	27,897
19, -----	19	-----	114	22,600	253	33,445	-----	30	4,980	113	82,143	
20, -----	20	-----	159	22,025	354	51,769	1	50	4,200	177	100,304	
21, -----	21	-----	128	19,750	327	33,733	-----	12	1,991	120	78,120	
22, -----	22	-----	165	29,706	284	50,779	3	150	19	3,815	152	117,992
23, -----	23	-----	108	17,573	276	22,477	1	30	18	3,610	150	84,451
24, -----	24	-----	138	17,085	296	17,025	-----	10	2,475	155	80,719	
25, -----	25	-----	173	27,635	289	39,128	-----	12	10,130	137	60,770	
Total, -----	96	15,450	2,434	497,994	5,366	721,436	10	254	446	163,743	* 3,405	2,051,104
											894	662,628
											10	11,652
											655	10,655

*Including 12 water shaft tanks.

C—Power and Haulage Equipment, 1922

Districts	Power plant						Pumps						Haulage							
	Bottlers			Engines			Pumps delivering water to surface			Locomotives			Air compressors							
	Cylindrical	Tubular	Steam engines (all classes)	Internal combustion engines (gas)	Electric dynamos (all classes)															
1, -----	6	415	72	12,250	159	17,253	-----	75	7,491	132	69,060	40	22,450	349	18	77	28	11,375		
2, -----	1	85	14,416	133	12,340	-----	34	11,227	147	111,292	50	28,550	382	1	114	33	13,695			
3, -----	2	30	64	14,550	164	20,388	-----	23	4,278	123	81,145	28	28,600	398	7	109	17	13,116		
4, -----	13	215	45	8,300	97	7,947	-----	9	3,550	92	46,702	20	11,525	393	1	31	18	6,928		
5, -----	7	776	52	17,108	74	10,969	-----	32	13,474	117	78,735	24	33,440	162	8	102	4	13,135		
6, -----	7	776	77	20,320	152	26,263	-----	32	20,474	137	71,473	26	18,710	349	14	153	47	17,054		
7, -----	3	375	66	11,580	103	11,091	-----	14	4,300	141	89,850	24	53,350	240	9	112	13	7,574		
8, -----	12	3,600	121	24,165	232	27,006	-----	34	9,413	214	83,938	29	30,800	514	25	197	32	15,197		
9, -----	10, -----	-----	86	18,098	229	22,707	-----	34	5,193	221	101,710	51	38,400	527	13	52	11	10,865		
10, -----	11, -----	-----	57	13,786	193	25,168	-----	20	2,176	194	80,303	39	24,662	631	23	30	50	29,075		
11, -----	6	1,800	92	23,181	372	48,306	-----	16	4,520	166	62,773	24	11,786	714	21	10	59	29,166		
12, -----	10	1,625	67	22,825	419	75,130	-----	26	24,447	146	151,211	26	14,538	654	19	7	87	17,249		
13, -----	14, -----	-----	76	15,779	209	36,348	-----	14	2,453	137	67,760	39	24,650	513	1	17	134	22,536		
14, -----	15, -----	-----	64	17,445	129	19,963	-----	11	8,550	123	52,181	47	15,925	399	10	123	31	13,942		
15, -----	16, -----	-----	119	28,825	189	22,719	-----	18	3,105	128	98,150	53	41,400	589	1	75	3	15,103		
16, -----	17, -----	-----	112	16,930	135	12,215	1	25	1,048	112	106,397	58	63,466	528	-----	47	9	6,331		
17, -----	18, -----	-----	71	16,148	36	15,815	-----	119	20,395	3	14	2,255	51	106,650	21	53,040	96	40	-----	
18, -----	19, -----	-----	110	22,530	155	29,675	-----	13	4,506	86	113,825	49	26,250	440	1	51	10	53,31		
19, -----	20, -----	-----	171	23,600	172	39,295	1	50	4	1,200	98	83,510	44	22,265	422	-----	19	2	17,690	
20, -----	21, -----	-----	109	18,375	187	24,062	-----	35	3,545	65	61,430	22	23,510	564	15	19	30	13,942		
21, -----	22, -----	-----	141	24,945	131	28,179	2	150	12	2,490	70	80,826	37	14,041	431	3	55	11	16,465	
22, -----	23, -----	-----	111	17,868	224	22,218	1	30	40	6,175	122	74,275	53	30	52	3	30	23,030		
23, -----	24, -----	-----	137	20,635	205	21,613	1	40	12	2,646	138	78,215	56	20,098	552	2	36	21	21,682	
24, -----	25, -----	-----	6	776	171	27,375	169	13	13,130	13	13,130	75	53,020	14	8,759	451	4	39	23	23,828
Total, -----	66	9,696	2,378	4,387	635,491	9	309	543	163,421	3,186	2,070,270	924	701,326	11,139	10	647	118	1,889		

437,408

FIRST DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Explosives used—pounds		
										Black powder	Dynamite	Permissible
Barton Coal Co.												
Barton Washery, -----	Lackawanna, -----	N. Y. O. & W.,	20,510	98		20,608	72	60				
Bright Coal Co.	Bright, -----	N. Y. O. & W.,	1,070		16	1,086	43	25		1,000		
Carbondale Coal Mining Co.		D. & H., -----	21,260	651	3,641	25,561	211	87		1,600	800	3,600
Boland, -----												
Connell Anthracite Mining Co.		L. V., -----	187,638	46,000	4,578	238,216	248	545		98,375	20,988	114,363
Grove Hill Coal Co.												
Grove Hill, -----	Lackawanna, -----	Wagon to Erie,	8,700	260	350	9,310	101	46		2,500	6,000	
Hillside Coal & Iron Co.												
Forest City, -----	Susquehanna, -----	Erie, -----	382,364	36,200	12,651	431,215	301	1,030	1	1	359,125	157,708
Hudson Coal Co.												
Clinton, -----	Lackawanna, -----	D. & H., -----	527,232	20,431	4,860	552,523	292	762	2	16	289,300	190,045
Clinton Washery, -----	Susquehanna, -----	D. & H., -----	1,045	1,105		2,150						
Total, -----	Wayne, -----	Wayne, -----	528,277	21,566	4,860	554,673		762	2	16	289,300	190,045
J. W. Kirby & Sons, Inc.												
Stillwater, -----	Susquehanna, -----	Erie, -----	7,868	500		8,368	240	37		8,025	1,425	
Lackawanna Coal Co., Ltd.		Erie & D. L. & W., -----	182,736	39,535	24,829	247,100	240	554	1	1	53,650	99,825
Lackawanna, -----												
Mt. Jessup Coal Co., Ltd.		D. & H., -----	276,829	1,200	7,819	285,848	298	635		15	142,375	21,621
Mount Jessup No. 2, -----	Lackawanna, -----											
Northern Anthracite Coal Co.												
Murray, -----	Sullivan, -----	L. V., -----	100,962	6,000	2,820	109,792	142	238	1	6,300	2,800	

Racket Brook Coal Co.	Racket Brook, -----	Lackawanna, -----	D. & H., -----	100,619	1,068	3,136	104,823	193	320	-----	8	35,400	42,996	91,825
Richmondale Coal Co.	Richmondale, -----	Lackawanna, -----	N. Y. O. & W.,	16,670	275	91	17,036	152	49	1	-----	-----	-----	1,500
Robertson Coal Co.	Robertson Washery, -----	Lackawanna, -----	N. Y. O. & W.,	37,761	55	61	37,877	103	80	-----	-----	-----	-----	-----
M. Schlosser, Trustee	Northeast, -----	Lackawanna, -----	N. Y. O. & W.,	1,350	50	-----	1,400	79	40	-----	-----	2,000	1,000	-----
Scranton Coal Co.	Ontario, -----	Lackawanna, -----	N. Y. O. & W.,	165,934	44,339	2,720	213,033	275	506	2	3	24,625	178,200	-----
Ontario Washery, -----	-----	Lackawanna, -----	N. Y. O. & W.,	19,239	-----	188	19,427	50	35	-----	-----	-----	-----	-----
Total, -----	-----	-----	-----	185,173	44,339	2,908	232,460	-----	542	2	3	24,625	178,200	-----
Temple Coal Co.	Northwest, -----	Lackawanna, -----	Erie & N. Y. O. & W., -----	97,806	11,005	1,237	110,048	231	291	1	3	16,250	84,050	-----
Grand total, -----	-----	-----	-----	2,157,002	208,832	69,007	2,435,441	-----	5,331	8	551	1,035,525	807,478	353,595

Disability 60 days or more

L

V

SECOND DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Hudson Coal Co.													
Oaal Brook,	D. & H., -----	736,249	58,485	1,624	796,538	310	1,329	5	17	424,125	135,426	55,045	
Gravity Slope, -----	D. & H., -----	596,906	24,158	7,671	628,735	290	1,063	4	8	326,450	17,869	181,822	
Powdery, -----	D. & H., -----	385,201	47,207	12,563	444,976	301	874	2	7	151,475	51,086	112,086	
Jermyn, -----	D. & H., -----	407,242	10,201	-----	417,446	296	804	5	11	182,450	139,479	119,184	
		2,125,598	140,051	-----	21,863	2,287,512	-----	4,070	16	43	1,084,500	344,120	468,137
Washeries,													
Coal Brook,	D. & H., -----	2,371	12,369	-----	14,740	5,697	-----	-----	-----				
Gravity Slope, -----	D. & H., -----	5,564	133	-----	-----	-----	-----	-----	-----				
Lackawanna, -----		7,925	12,502	-----	20,437	-----	-----	-----	-----				
		2,183,533	162,553	-----	21,863	2,307,949	-----	4,070	16	43	1,084,500	344,120	468,137
Scranton Coal Co.													
Riverside,	N. Y. O. & W., -----	143,650	26,061	3,210	172,921	265	419	1	-----	72,500	34,800	55,975	
Raymond, * -----	N. Y. O. & W., -----	145,499	7,729	-----	153,228	256	414	1	4	15,060	140,000	800	
Total, -----		289,149	33,790	-----	326,149	-----	833	2	4	87,500	174,800	56,775	
Temple Coal Co.													
Sterick Creek, -----	Lackawanna, -----	209,193	29,586	7,770	246,555	248	529	2	1	97,400	92,425	-----	
Hillside Coal & Iron Co.	Erie, -----	116,343	6,770	533	123,646	297	373	2	1	92,000	50	55,610	
Humbert Coal Co.	Erie, -----	97,509	3,000	672	101,181	253	225	-----	-----	78,725	14,316	19,000	
Arbald Coal Co.	D. & H., -----	52,031	3,427	2,461	57,919	123	281	1	1	4,375	30,000	15,725	
Tappans, -----	Lackawanna, -----												

*Breaker burned December 13, 1920. Coal prepared at Ontario breaker, 1st District.

Included with Coal Brook Colliery.

* Included with Gravity Slope Colliery.

Rhondda Coal Co.	Rhondda Washery, -----	Lackawanna, -----	N. Y. O. & W., -----	37,405	500	-----	37,905	117	40	-----	-----
Murkin Coal Co.	Fall Brook, -----	Lackawanna, -----	N. Y. O. & W., -----	13,065	450	2,310	15,835	127	75	-----	6,000
Eclipse Coal Co.	Falls, -----	Lackawanna, -----	N. Y. O. & W., -----	1,000	-----	1,495	2,495	225	25	1	11,100
Fireside Coal Co.	Fireside, -----	Lackawanna, -----	N. Y. O. & W., -----	2,600	45	-----	2,045	59	20	5,550	-----
Grand total, -----	-----	-----	-----	2,951,234	230,121	40,314	3,221,669	6,471	24	501	1,450,200
											655,786
											632,347

¹Disability 60 days or more.

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THIRD DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Explosives used—pounds	
										Black powder	Dynamite
Glen Alden Coal Co.											
Diamond, --	Lackawanna, --	D. L. & W., --	544,84	55,724		600,618	290	1,132	3	9	227,700
Cayuga,† --	Lackawanna, --	D. L. & W., --	246,941	27,433		291,374	289	553	3	10	43,325
Total, --											342,713
Hudson Coal Co.											
Eddy Creek, --	Lackawanna, --	D. & H., --	645,751	21,639		667,420	280	1,334	5	18	651,746
Marvine, --	Lackawanna, --	D. & H., --	492,551	48,930		569,893	294	1,301	4	17	377,840
Dickson,* --	Lackawanna, --	D. & H., --					338	339	2	2	119,390
Eddy Creek Washery, --	Lackawanna, --	D. & H., --	1,138,322	70,569		1,237,313	2,974	11	37	1,148,840	38,473
Total, --											549,876
Legitts Creek Anthracite Co.											
Bulls Head, --	Lackawanna, --	D. & H., --	292,068	50,646	5,724	357,438	296	750	2	14	109,325
Mid City Coal Co.											
Pleasant Mount Coal Co.	Lackawanna, --	N. Y. O. & W.,	53,831	1,500	15,228	70,539	268	197	1	-----	2,500
Pleasant Mount Washery, --	Lackawanna, --	N. Y. O. & W.,	7,067	49		7,116	53	15			
Von Storch Collieries Co.	Lackawanna, --	D. & H., --	214,471	32,882	14,686	262,039	287	635	1	2	11,145
Grand total, --			2,518,230	263,087	64,050	2,845,977	6,256	21	721	1,622,835	997,795
											863,558

*Coal prepared at Marvine Colliery.

†Included with Eddy Creek Colliery.

*Coal prepared at Diamond breaker.

†Disability 60 days or more.

FOURTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Glen Alden Coal Co.													
Hyde Park, -----	D. L. & W., -----	D. L. & W., -----	231,873	37,312	27,699	296,884	242	647	5	8	244,875	55,125	25
British Washery, -----	D. L. & W., -----	D. L. & W., -----	143			143	#			1			
Total, -----			252,016	37,312	27,699	297,027		647	5	9	244,875	55,125	25
Green Ridge Coal Co.													
Green Ridge, -----	Lackawanna, -----	Erie & D. & H.	33,890	5,016	4,028	42,853	177	143		1	2,600	41,650	
Hudson Coal Co.													
Manville, -----	Lackawanna, -----	D. & H., -----	387,456	17,042		384,498	343	273	1	4	204,275	1,924	13,991
Lackawanna Fuel Co.	Lackawanna, -----	N. Y. O. & W. & D. L. & W.	46,905	120	11,049	58,074	287	31		1			
Lackawanna Washery, -----	Lackawanna, -----	Erie, -----	237,249	14,322	31,290	282,771	300	448	7	2	231,925		25,465
Pennsylvania Coal Co.													
No. 5 Colliery, -----	Lackawanna, -----	None, -----	2,555			2,555	201	16			16,000	10,000	8,000
Petersburg Coal Co.													
Park, -----	Lackawanna, -----	(N. Y. O. & W.) (D. L. & W.) (N. Y. O. & W.) (D. L. & W.)	230,728	62,588	3,757	287,083	243	785	2	7	243,175	14,350	500
Pancoast	Laekawanna, -----												
Pancoalst Washery, -----	Lackawanna, -----		7,112			7,112	243						
Total, -----			230,728	69,710	3,757	294,195		785	2	7	243,175	14,350	500

** No. record kept; only a few men employed dismantling washery.

** Included with Pancoast Colliery.

*Breaker abandoned January, 1921. Coal prepared at Marvine breaker, 3rd District.

FOURTH DISTRICT, 1921—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Scranton Coal Co.													
Pine Brook, -----	N. Y. O. & W.	383,820	30,139	42,584	456,545	272	1,003	1	6	363,125	48,000	24,050	
Capous, ^{††} -----	N. Y. O. & W.	91,083	21,575	112,658	972	305	3	2	40,875	16,000	106,425		
Mount Pleasant, -----	N. Y. O. & W.	27,811	5,640	41,190	226	180	1	1	28,125	-----	42,200		
Total, -----													
Se-Rob Coal Co.													
Se-Rob, -----	D. L. & W. { N. Y. O. & W. }	85,913	-----	5,233	91,146	243	98	-----	-----	116,250	-----	-----	
Staples & Bell, Inc., & Dexter & Carpenter, Inc.	D. L. & W., --	1,465	1,325	22	2,812	37	50	-----	-----	-----	-----	-----	
Oxford Washery, -----													
Grand total, -----		1,730,810	202,201	133,311	2,066,322	-----	4,090	20	231	1,484,525	186,349	220,656	

^{††}Coal prepared at Johnson breaker, 6th District.

[†]Disability 60 days or more.

FIFTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Black Diamond Fuel Co.													
Taylor Washery, -----	Lackawanna, -----	D. & H., -----		50		50	95	10					
Gibbons, # -----	Lackawanna, -----	D. & H., -----	20,000	300	700	21,000	217	35		1			
Glen Alden Coal Co.													
Continental, (a) -----	Lackawanna, -----	D. L. & W., -----	220,472	20,028	5,887	246,387	239	611	2	7	142,825	37,500	20,909
National, -----	Lackawanna, -----	D. L. & W., -----	503,613	51,976	48,101	603,565	241	1,632	6	24	466,476	158,651	-----
Baker, (b) -----	Lackawanna, -----	D. L. & W., -----	106,328	6,732		171,000	230	478	3	11	141,900	49,288	-----
Sloan, -----	Lackawanna, -----	D. L. & W., -----	332,250	32,150		424,450	291	833	5	16	223,575	207,754	-----
Archbald, -----	Lackawanna, -----	D. L. & W., -----											
Hampton Washery, (c)-	Lackawanna, -----	D. L. & W., -----	1,281,688	109,786	53,988	1,445,472	354	3,554	16	71	974,076	453,162	29,909
Hampton Power Plant, (c)-	Lackawanna, -----	D. L. & W., -----	40	27,817		27,837	126	32		1			
		D. L. & W., -----	40	27,817		27,837	365	81		1			
		D. L. & W., -----	1,281,738	137,603	53,988	27,857	113						
Total, -----			1,281,738	137,603	53,988	1,473,329	3,667	16					
Hudson Coal Co.													
Greenwood Washery, -----	Lackawanna, -----	D. & H., -----	472,737	30,971	8,512	512,920	291	1,001	3	8	435,295	176,946	36,664
Greenwood Washery, -----	Lackawanna, -----	D. & H., -----	880	525		1,415	X						
Total, -----			473,627	31,496	8,512	513,635	-----	1,001	3	8	435,295	176,946	36,664
Moffat, W. Y.													
Carlleton, # -----	Lackawanna, -----	D. L. & W., -----	33,025	200		33,225	193	100		1	22,500		11,000
Scranton Anthracite Coal Co.													
Oak Hill, -----	Lackawanna, -----	N. Y. S. & W.	14,600	400		15,000	123	75	1	1	18,750	6,000	24,750
Grand total, -----			1,822,900	170,049		63,200	2,056,290	4,888	20	831,1450,550	636,068		102,323

Stripping operation. (a) Fighting mine fire. (b) Bellevue and Dodge Collieries consolidated as Baker, September, 1921. ^x Included with Greenwood Colliery.

†† No breaker. (c) Produces power for collieries of Glen Alden Coal Co.

SIXTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Explosives used—pounds		
										Black powder	Dynamite	Permissible
Bald Mountain Coal Co.										20,625	16,500	4,375
Marshwood, [†]	D. L. & W.,--	66,053	578	173	66,804	291	153					
Carney & Brown Coal Co.	D. L. & W. and Erie, --	19,358	350	1,596	21,304	204	64			10,000	6,350	3,150
Carney & Brown, --												
Glen Alden Coal Co.	D. L. & W.,--	851,676	62,887	25,307	939,870	291	1,464	4	17	1,258,750	138,977	
Storts, --	D. L. & W.,--											
Hudson Coal Co.	D. & H., --	817,785	113,847	23,200	954,832	297	1,508	4	14	817,785	25	245,620
Olyphant, --												
John J. Boland Coal Co.	Erie, --	6,252	25	2,460	8,737	228	26			2,100	550	626
Boland, --												
Mount Jessup Coal Co.	(D. L. & W. (N. Y. O. & W., Erie, -- (D. & H., --)	149,651	1,822	416	151,889	285	333	1		12,950	19,856	82,125
Mount Jessup No. 1.												
Nay-Aug Coal Co.	Erie, --	37,323	750		38,073	198	157		1	1,100	6,500	
Nay-Aug, --												
Pennsylvania Coal Co.	Erie, --	828,786	25,449	252	849,487	305	1,490	3	4	826,025	10,325	36,908
No. 1, --												
Underwood, --	Erie, --	651,795	35,279	6,334	693,408	303	1,114	3		578,550	11,950	225,970
Total, --		1,475,581	60,728	6,586	1,542,895	2,604	6	4	4	1,404,675	22,275	262,878
Quinn Coal Co.	Erie, --	7,761				7,761	219	98				
No. 6, --												
Scranton Coal Co.	N. Y. O. & W., --	117,220	35,564	3,148	211	438	2	4	31,230	26,200		
Johnson, --	N. Y. O. & W., --	54,728	17,795	4,071	76,597	217	267	1	1	99,375	36,800	
Richmond No. 3, --	Lackawanna, --											
Total, --		171,948	53,362	7,219	232,529	705	3	5	5	130,625	62,000	4,250

[†]Coal prepared at Mount Jessup No. 1 breaker.
*Breaker abandoned August 1, 1921; coal now prepared at Johnson breaker.

Spencer Coal Co.	Lackawanna, -----	Erie, -----	1,500	10,898	557,860	276	170	1	1	3,750	17,200	2,660
Spencer, -----	-----	45,471	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Scranton Anthracite Coal Co.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Blakely, (a) -----	N. Y. O. & W., -----	10,083	-----	146	10,229	209	42	-----	-----	1,750	1,750	3,500
Grand total, -----	-----	3,658,942	295,849	78,001	4,032,792	-----	7,324	19	431	3,624,010	292,043	614,448

¹Disability 60 days or more.
(a) Coal prepared at Lackawanna breaker, 1st District.

SEVENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Dynamite	Black powder	Permissible
Glen Alden Coal Co.													
Taylor, -----	D. L. & W., D. L. & W., D. L. & W.,	558,668 468,778 172,124	58,634 44,416 27,636	11,068 4,666 3,590	623,385 617,890 203,350	241 292 288	996 790 354	2 3 1	5 7 4	439,575 456,025 9,000	54,334 23,796 1,876	16,500 1,500 160,825	
Pyne, -----													
Hallstead, -----													
Total,													
Hillside Coal & Iron Co.													
Consolidated, -----													
Jermyn & Co.	Luzerne, -----	Erie, -----	108,151	6,359	10,688	125,097	278	296	1	-----	102,225	-----	7,531
Jermyn, -----	Lackawanna, -----	{ Erie & W., D. L. & W., }	48,196	8,875	2,732	59,803	43	878	-----	3	43,750	43,000	-----
Pennsylvania Coal Co.													
Old Forge, -----	Lackawanna, -----	Erie, -----	432,261	49,276	33	481,570	247	1,336	7	4	240,300	16,550	126,122
Central, -----	Luzerne, -----	Erie, -----	235,456	21,955	7,969	263,380	264	670	1	2	235,725	-----	26,959
Total,													
Suffolk Coal Co.													
Avoca, -----	Luzerne, -----	D. & H., -----	117,129	3,740	4,598	125,462	170	450	-----	4	3,000	2,875	50,280
Grand total,			2,188,758	220,890	45,289	2,339,937	-----	5,730	15	291	1,527,600	142,430	389,717

¹Disability 60 days or more.
Note—Demmington Coal Co. Washery and Scranton-Taylor Coal Co. Washery idle during the year.

EIGHTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Hillside Coal & Iron Co. Butler, -----	Luzerne, -----	Erie, -----	620,673	48,622	8,390	677,085	261	1,580	4	3	489,675	-----	187,110
Hudson Coal Co. Lat. in. * -----	Luzerne, -----	D. & H., -----	303,082	10,953	1,401	315,436	279	538	4	1	162,440	62,828	77,186
Pennsylvania Coal Co. Number 9 ----- Fwen, ----- Number 6, ----- Number 14, ----- Barnum, -----	Luzerne, ----- Luzerne, ----- Luzerne, ----- Luzerne, ----- Luzerne, -----	Erie, ----- Erie, ----- Erie, ----- Erie, ----- Erie, -----	607,155 604,250 36,392 689,244 121,250	56,906 32,980 12,313 8,281 18,953	632 637,862 631 450,266 3,328	676,274 737,220 279 263 143,531	268 253 1,398 1,959 406	1,650 1,697 1,607 1,398 1,959	1	4	455,575 486,550 419,150 593,275 46,975	25,640 10,750 10,800 5,945 4,848	153,510 124,160 126,787 198,562 11,125
Total, -----			2,423,604	204,656	36,833	2,665,152	7,107	14	22	2,001,526	57,983	614,084	
Quilm Coal Co. Pickaway, -----	Luzerne, -----	L. V., -----	8,188	-----	-----	8,188	106	87	-----	2,395	1,050	2,600	
Grand total, -----			3,355,607	264,231	46,624	3,066,462	22	9,312	22	261	2,655,905	121,861	880,950

*Coal prepared at Pine Ridge breaker, 10th District.

¹Disability 60 days or more.

NINTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Lehigh Valley Coal Co.													
Stevens, *+	Luzerne, -----	L. V., -----	310,363	100,787	5,519	437,501	265	720	2	4	67,550	244,375	
Exeter, -----	Luzerne, -----	L. V., -----	179,308	21,902	206,789	345	345	2	3	3,655	184,059		
Westmoreland, -----	Luzerne, -----	L. V., -----	275,241	49,257	7,871	382,369	295	581	5	4	105,700	181,075	
Broadwell, †	Lackawanna, -----	L. V., -----	41,518	3,737	45,255	207	79	79	1	62,450	8,450		
Heddeberg, -----	Luzerne, -----	(D. & H. -----)	142,045	55,022	3,617	201,584	270	388	2	1	53,075	50,275	
Seneca, -----	Luzerne, -----	L. V., -----	174,383	57,262	22,486	254,291	270	582	1	3	166,800	100,840	
William A., †	Lackawanna, -----	L. V., -----	118,439	21,111	9,123	148,673	208	322	1	3	34,575	118,025	
Total, -----			1,241,357	306,331	78,704	1,626,392	-----	3,019	11	18	494,325	887,850	
Temple Coal Co.													
Forty Fort, -----	Luzerne, -----	L. V., & W., -----	228,120	37,917	4,801	270,888	265	505	-----	5	55,400	159,008	
Harry E., -----	Luzerne, -----	(D. L. V., -----)	177,735	40,047	4,703	229,485	198	468	2	3	76,000	144,250	
Total, -----			405,855	77,964	9,504	493,323	-----	973	2	8	131,400	303,918	
Kingston Coal Co.													
Kingston No. 4, -----	Luzerne, -----	(D. L. & W. -----)	288,487	43,000	5,012	336,499	282	819	3	12	180,475	10,547	16,708
Kingston Washery, -----	Luzerne, -----	(L. V. Penna. -----)	1,789	-----	1,789	1,789	329	-----	-----	-----	-----	-----	-----
Total, -----			290,276	43,000	5,012	338,288	-----	819	3	12	180,475	10,547	16,708
Mount Lookout Coal Co.													
Mount Lookout, -----	Luzerne, -----	(D. L. & W. -----)	130,609	29,543	3,918	164,130	156	423	1	3	29,250	137,100	
Harris-Denly Coal Co.													
Kintz, -----	Luzerne, -----	(Truck to D. L. & W. L. -----)	24,000	1,200	4,091	29,291	265	81	-----	-----	-----	20,000	

**Idle since February, 1919.

†Coal prepared at Seneca breaker.

Healey Coal Co.	Luzerne,	L. V.,	21,341	21,341	265	49	3,000	9,800
Troy, **								
John Ames Coal Co.	Luzerne,	L. V.,	7,385	40	7,425	31	44	
Phoenix Washery,	Luzerne,	L. V.,						
John Fib Coal Co.	Luzerne,	L. V.,	3,062	45	3,127	52	30	
Wyoming Washery,	Luzerne,	L. V.,	2,123,988	455,123	101,229	2,683,320	5,448	
Grand total,							411	847,450
								1,369,215
								16,708

¹Disability 60 days or more.

**Coal prepared at Wyoming Washery.

TENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Central Coal Co.	Wyoming, -----	D. & H., -----	65,950	1,350	859	68,159	281	158	-----	-----	85,602	5,412	13,067
Conlon, -----	Luzerne, -----	D. & H., -----	55,890	200	3,902	59,992	289	130	1	-----	32,450	14,250	1,000
East Boston Coal Co.	Luzerne, -----	D. L. & W., {L. V. Penna. D. & H., -----}	45,625	105,035	3,872	154,532	250	416	1	5	1,402	8,474	30,751
Glen Alden Coal Co.	Luzerne, -----	D. L. & W., -----	611,628	57,995	10,243	679,866	295	946	4	17	302,125	59,612	166,369
Haddock Mining Co.	Luzerne, -----	L. V. & D. L. & W., -----	141,743	14,600	4,571	160,914	250	373	1	6	43,750	38,350	29,300
Miners Mills, -----	Luzerne, -----	L. V., -----	24,456	2,200	682	27,338	243	99	1	2	21,000	2,500	-----
Hudson Coal Co.	Luzerne, -----	D. & H., -----	892,595	76,037	11,587	980,192	284	1,184 653	8 2	-----	625,850	174,156	309,734
Pine Ridge, -----	Luzerne, -----	D. & H., -----	739	45,007	-----	45,906	294	-----	-----	-----	8	-----	-----
Delaware, ^t	Luzerne, -----	D. & H., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Pine Ridge Washery, -----	Luzerne, -----	D. & H., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	893,334	121,104	11,560	1,025,908	-----	1,837	10	24	625,850	174,156	309,734

Included with Pine Ridge Colliery.

^t Coal prepared at Pine Ridge breaker.

† Coal prepared at Prospect breaker, 11th District.

Lehigh Valley Coal Co.	Luzerne, -----	L. V., -----	388,010	75,871	7,615	471,496	284	740	6	173,575	246,870	6,025		
Henry, -----	Luzerne, -----	L. V., -----	264,276	30,282	5,998	300,556	274	507	2	30,050	213,550	-----		
Mineral Spring, -----	Luzerne, -----	L. V., -----	662,286	106,153	13,613	772,032	-----	1,247	2	6	203,625	400,420	6,025	
Total, -----	Luzerne, -----	L. V., -----	64,971	2,000	8,915	65,886	197	296	-----	1	625	17,375	29,000	
Raub Coal Co.	Luzerne, -----	L. V., -----	54,971	2,000	8,915	65,886	197	296	-----	1	625	17,375	29,000	
Louise, -----	Luzerne, -----	L. V., -----	54,971	2,000	8,915	65,886	197	296	-----	1	625	17,375	29,000	
Traders Coal Co.	Ridgewood, -----	Luzerne, -----	(C. R. R. of N.Y.) (J. Erie, -----)	54,776	1,328	745	56,849	115	380	1	3	60,000	18,000	7,000
Wilkes-Barre Colliery Co.	Madeira, -----	Luzerne, -----	(D. L. & W.,) (D. & H., -----)	166,992	1,224	2,223	170,449	278	375	-----	5	187,700	55,298	-----
Grand total, -----			2,896,971	353,879	61,185	3,242,035	-----	6,233	21	691	1,564,189	853,847	592,246	

¹Disability 60 days or more.

ELEVENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Explosives used—pounds				
									Black powder	Dynamite	Permissible		
Hillman Coal Co.	Luzerne, -----	L. V., -----	71,273	21,900	1,460	94,638	251	246	1	2	76,150	12,522	9,353
Hudson Coal Co.	Luzerne, -----	D. & H., -----	841,916	102,108	18,701	962,725	299	1,826	9	23	282,050	45,075	377,228
Baltimore No. 5, -----	Luzerne, -----	C. R. R. of N. J., R. of C. N. J., R. of C. N. J., R. of N. J., -----	215,250	35,974	75,697	326,921	230	583	2.	4	141,325	42,239	136,700
Lehigh & Wilkes-Barre Coal Co.	Luzerne, -----	Hollenback No. 2, -----	326,865	40,537	112,126	479,528	290	978	2	11	59,360	38,944	228,312
Hollenback No. 2, -----	Luzerne, -----	South Wilkes-Barre No. 5, -----	734,048	55,437	22,385	811,870	236	1,482	7	22	316,400	32,795	301,275
Stanton No. 7, -----	Luzerne, -----	C. R. R. of N. J., -----	1,276,163	131,948	210,208	1,618,319	-----	3,043	11	37	517,025	113,978	666,287
Empire Washery, -----	Luzerne, -----	Total, -----	37,806	-----	9,755	47,651	152	45	-----	1	-----	-----	-----
Total, -----	Luzerne, -----	L. V., -----	1,314,059	131,948	219,963	1,665,970	-----	3,088	11	38	517,025	113,978	666,287
Lehigh Valley Coal Co.	Dorrance, -----	Prospect, -----	449,404	71,478	48,626	569,508	283	857	6	17	284,450	180,306	30,575
Dorrance, -----	Luzerne, -----	L. V., -----	282,327	58,730	11,224	362,281	284	755	4	12	182,950	109,050	30,575
Prospect, -----	Luzerne, -----	Total, -----	741,731	130,298	59,850	931,789	-----	1,612	10	29	467,400	939,446	30,575
Red Ash Coal Co.	Red Ash No. 2, @ -----	C. R. R. of N. J., -----	40,534	13,157	1,068	54,890	121	250	-----	4	13,250	12,150	10,325
Red Ash No. 2 Slope idle on account of mine fire; stripping and Red Ash No. 1 Slope in operation.	Grand total, -----	3,000,563	309,321	301,042	3,700,926	-----	7,022	31	961,1,356,475	473,771	1,093,768	-----	-----

^aDisability 60 days or more.
@ Red Ash No. 2 Slope idle on account of mine fire; stripping and Red Ash No. 1 Slope in operation.

TWELFTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Explosives used—pounds		
										Black powder	Dynamite	Permissible
Glen Alden Coal Co.												
Woodward, -----		D. L. & W.,-----	1,141,687	10,790	1,229,706	289	1,767	6	40	605,425	48,940	311,240
Woodward, Bank, -----		D. L. & W.,-----	24,157	13,056	37,213	289	× X 34					
Nanticoke Power Plant, x		D. L. & W.,-----				305						
Total, -----												
Hudson Coal Co.												
Loree No. 6, -----		D. & H.,-----	1,458,636	88,021	43,544	33,473	292	#				
Loree Washery, -----		D. & H.,-----	3,744	29,729		1,623,674	292	2,443	9	19	112,905	53,624
Total, -----						1,590,201	292	2,443	9	19	112,905	53,624
Inter-City Fuel Co., Inc.		C. R. R. of N. J.,-----	7,625	275	152	8,062	55	44				
Plymouth Company Washery	Luzerne, -----	D. L. & W., L. V., Penn.,-----	332,122	19,000	31,813	389,955	282	885	1	3	202,375	4,911
Kingston Coal Co.	Luzerne, -----	C. R. R. of N. J.,-----										
Kingston No. 2, -----		D. L. & W.,-----										
Saylord, -----	Luzerne, -----	D. & H., Penn., C. R. R. of N. J.,-----	98,292	17,000	2,862	118,154	282	323	1	2	15,000	15,175
Total, -----												
Lehigh & Wilkes-Barre Coal Co.		C. R. R. of N. J.,-----	430,414	36,000	34,675	501,089	-----	1,208	2	5	217,375	20,056
Lance No. 11, -----		C. R. R. of N. J.,-----										
Nottingham No. 15, -----	Luzerne, -----	D. L. & W.,-----										
Total, -----												
Plymouth Red Ash Coal Co.	Luzerne, -----	D. L. & W.,-----	13,555	167	3,639	17,361	298	40			3,900	100
Grand total, -----			4,096,196	346,226	154,772	1,597,194	-----	7,506	27	8012,506,725	221,853	497,259

× Furnishes power for Woodward Colliery. ×× Included with Woodward Colliery. # Included with Loree No. 5 Colliery. ¹Disability 60 days or more.

THIRTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons sold locally	Tons used at collieries	Total production (gross tons)	Days worked	Employees	Fatal accidents	Explosives used—pounds				
										Serious non-fatal accidents	Black powder	Dynamite	Permissible	
Glen Alden Coal Co.		D. L. & W.,--	758,590	53,849	6,310	738,749	287	1,019	4	5	17,700	496,300		
Loomis, -----		D. L. & W.,--	1,397,805	128,013	7,334	1,535,152	287	2,122	9	7	350,700	101,975	703,725	
Truesdale, -----		D. L. & W.,--	203,405	35,481	3,782	242,668	280	488	--	2	30,950	8,510	61,775	
Avondale, -----		D. L. & W.,--	63,664	19,079	--	82,743	--	--	--	--	--	--	--	
** -----		D. L. & W.,--	--	--	--	--	--	--	--	--	--	--	--	
Total, -----			2,403,464	236,422	17,426	2,657,312	--	3,629	13	14	399,350	606,785	765,500	
George F. Lee Coal Co.		D. L. & W.,--	96,887	--	1,888	98,285	223	206	2	3	4,000	15,562	950	
Chauncey, -----		D. L. & W.,--	--	--	--	--	--	--	--	--	--	--	--	
Lehigh Valley Coal Co.		L. V., -----	350,395	48,441	7,730	415,566	277	634	4	4	36,200	215,600		
Franklin, -----		L. V., -----	82,563	12,091	580	95,234	--	155	1	2	500	33,050	--	
Warrior Run, * -----		Luzerne, -----	--	--	--	--	--	--	--	--	--	--	--	
Total, -----			441,958	60,582	8,310	510,800	--	789	5	6	36,700	248,650	--	
Lehigh & Wilkes-Barre Coal Co.		C. R. R. of N. J., -----	394,655	23,976	4,770	423,401	279	852	2	6	5,100	25,567	210,206	
Sugar Notch No. 9, -----		C. R. R. of N. J., -----	527,514	40,308	15,889	553,961	294	1,079	6	13	87,025	12,245	250,750	
Maxwell No. 20, -----		C. R. R. of N. J., -----	255,806	39,653	2,113	277,577	294	632	--	3	2,675	7,353	181,725	
Buttonwood No. 22, -----		C. R. R. of N. J., -----	1,158,275	1,03,937	22,727	1,284,939	--	2,563	8	22	94,800	45,165	612,681	
Total, -----			--	--	--	--	--	--	--	--	--	--	--	
Pittston Coal Mining Co.		C. R. R. of N. J., -----	118,046	15,500	900	134,446	265	273	--	2	--	42,000	--	
Hadleigh, -----		Penna, -----	82,039	682	--	32,721	119	171	--	1	3,525	5,006	780	
West Nanticoke Coal Co.		West Nanticoke, -----	--	--	--	--	--	--	--	--	--	--	--	
West Nanticoke, -----		Grand total, -----	4,250,679	417,073	50,751	4,718,563	--	7,721	28	481	538,975	963,167	1,400,911	

**Coal from culm bank prepared at Avondale breaker.

*Coal prepared at Prospect breaker, 11th District.

†Disability 60 days or more.

FOURTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds	Permissible	
Alden Coal Co.		C. R. R. of N. J.,	307,213	23,211	7,061	337,485	253	730	3	1	111,000	75,918	
Alden, ----- East Alden Mining Co.	Luzerne, -----	L. V., -----	37,290	148	-----	37,438	212	58	-----	-----	-----	500	
East Alden, -----	Luzerne, -----	D. L. & W., D. L. & W., -----	312,167	19,383	6,213	331,470	287	501	3	1	90,930	2,025	
Glen Alden Coal Co.	Luzerne, -----	588,463	52,625	-----	646,301	287	902	3	8	-----	50,178	216,625	
Auchincloss,† Bliss, -----	Luzerne, -----	900,030	71,928	5,213	977,771	-----	1,403	3	9	90,950	52,203	266,200	
Total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	482,825	
Lehigh & Wilkes-Barre Coal Co.		C. R. R. of C. R. R. of N. J.,	612,882	34,120	6,115	653,117	292	1,164	4	9	47,125	58,635	
Wanamie No. 18, -----	Luzerne, -----	137,161	-----	15,157	152,318	227	68	-----	-----	-----	-----	282,575	
Wanamie Washery, -----	Luzerne, -----	750,043	34,120	21,272	805,435	-----	1,238	4	9	47,125	58,635	282,675	
Total, -----	-----	D. L. & W., -----	37,568	710	1,178	39,846	204	180	-----	-----	7,875	10,310	
Stackhouse Coal Co., E. S. Salem, -----	Luzerne, -----	Penna., ----- Penna., ----- Penna., ----- Penna., -----	# 429,984 # 452,611 # 384,975 # 33,504	16,852 42,941 33,504 16,461	8,024 5,317 16,461	449,800 540,860 424,940	258 260 269	1,279 1,013 1,004	5 3 8	4 6 4	206,725 165,930	31,011 132,738	
Susquehanna Collieries Co., Number 5, ----- Number 6, ----- Number 7, -----	Luzerne, ----- Luzerne, ----- Luzerne, -----	1,200,570	95,297	29,802	1,385,669	-----	3,356	16	14	302,675	183,749	17,610	
Nanticoke Washery, -----	Luzerne, -----	Penna., -----	# 99,358	102,754	-----	262,112	57	-----	-----	-----	-----	123,547	
Total, -----	-----	-----	1,359,928	198,051	29,802	1,587,781	-----	3,413	16	14	302,675	183,749	123,547
West End Coal Co.	Luzerne, -----	Penna. & C. R. R. of N. J.,	498,372	15,032	6,887	5,0' 311	247	996	2	2	7,225	53,675	146,475
West End, -----	-----	3,801,434	343,220	71,413	1,306,667	-----	8,081	28	-----	351	506,850	359,072	1,151,275
Grand total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	

† 47,704 tons stocked at collieries and not yet shipped. † Coal prepared at Loomis breaker, 13th District. ¹Disability 60 days or more.

FIFTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds	
										Dynamite	Black powder
Coxe Brothers & Co., Inc.											
Drifton, -----	Luzerne, -----	L. V., -----	296,764	108,108	15,429	414,301	230	604	1	5	835
Fekley, * -----	Luzerne, -----	L. V., -----	284,878	14,934	14,565	328,407	235	327	1	2	72,064
Derlinger, *** -----	Luzerne, -----	L. V., -----	347,959	1,878	14,270	364,107	294	639	9	2	328,061
Total, -----			923,600	138,920	44,294	1,106,815	-----	1,630	11	9	835
East Point Coal Co.											
Pond Creek, -----	Luzerne, -----	C. R. R. of N. J., -----	13,724	234	495	14,453	107	135			3,020
Jeddo-Highland Coal Co. **	Luzerne, -----	L. V., -----	188,766	46,651	7,005	242,512	299	590	1	3	7,938
Highland No. 2, -----	Luzerne, -----	L. V., -----	252,100	30,500	157	282,757	297	501	2	2	1,192
Highland No. 5, -----	Luzerne, -----	L. V., -----	353,505	43,801	7,607	404,913	280	1,005	4	10	1,622
Jeddo No. 4, -----	Luzerne, -----	L. V., -----	175,650	14,250	8,532	197,832	288	351	1	8	3,345
Jeddo No. 7, -----	Luzerne, -----		988,421	135,202	23,301	1,128,014	-----	2,507	8	18	698
Total, -----											6,857
Kemmerer & Co., M. S.											
Sandy Run, -----	Luzerne, -----	C. R. R. of N. J., -----	66,016	2,906	1,154	70,070	287	152			9,635
Lehigh Valley Coal Co.	Luzerne, -----	L. V., -----	187,941	30,492	57,034	277,467	256	458	1	7	127,800
Hazleton No. 1, -----	Luzerne, -----	L. V., -----	237,737	80,602	5,532	323,901	264	762	1	2	296,016
Hazleton Shaft, -----											
Total, -----			427,708	111,094	62,566	601,308	-----	1,220	2	9	50
Pardee Brothers & Co., Inc.	Luzerne, -----	L. V., -----	499,143	64,000	11,661	574,804	288	1,077	1	4	333,816
Lattimer, -----											441,972

*Coal prepared at Drifton and Hazleton Shaft breakers.

**Formerly G. B. Markle Co.

***Coal prepared at Hazleton Shaft breaker, Lehigh Valley Coal Co.

Upper Lehigh Coal Co.	Luzerne, - - - - -	C. R. R. of N. J., - - - - -	131,021	12,433	1,668	145,122	272	294	- - - - -	1	- - - - -	97,890	- - - - -
Upper Lehigh, - - - - -	Luzerne, - - - - -	L. V., - - - - -	96,217	21,883	692	118,762	258	185	1	1	- - - - -	28,879	- - - - -
J. S. Wentz Co.	Luzerne, - - - - -	L. V., - - - - -	40,401	3,269	- - - - -	43,670	286	88	1	- - - - -	- - - - -	20,875	- - - - -
Haze Brook, - - - - -	Luzerne, - - - - -	L. V., - - - - -	3,167,252	489,965	145,921	3,803,078	- - - - -	7,348	24	421	910	1,493,416	12,338
Wolf Collieries Co., Inc.	Wolf, - - - - -	Grand total, - - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	

¹Disability 60 days or more.

SIXTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Beaver Valley Coal Co.													
Scotch Valley, -----													
Columbia, -----	Penna., -----	Penna., -----	36,592	5,730	271	41,593	224	168	-----	3	7,750	11,050	6,450
Schuykill, -----	P. & R., -----	P. & R., -----	23,207	-----	-----	28,207	228	25	-----	-----	-----	-----	-----
Silver Brook Washery, -----													
Coxe Brothers & Co., Inc.													
Beaver Meadow, -----	L. V., -----	L. V., -----	290,454	26,537	7,615	324,506	293	461	7	-----	163,050	-----	-----
Onedia, † -----	L. V., -----	L. V., -----	263,606	21,261	22,208	310,075	290	536	3	-----	164,214	-----	-----
Total, -----			557,060	47,798	29,723	634,581	-----	997	10	-----	330,264	-----	-----
Cranberry Creek Coal Co.													
Cranberry, -----	L. V., -----	L. V., -----	604,428	34,397	264,002	903,337	287	1,343	6	12	2,350	348,210	25,506
Charles M. Dodson & Co.													
Beaver Brook, -----	Luzerne, -----	L. V., & C. R. R. of N. J.,	253,287	15,940	2,371	271,598	295	504	1	8	2,000	116,000	-----
Evans Colliery Co.													
Evans, -----	Carbon, -----	L. V., -----	35,033	600	623	36,286	189	124	-----	-----	-----	2,900	28,200
Harwood Coal Co.													
Harwood, -----	Luzerne, -----	L. V., -----	65,819	1,200	29,580	96,599	287	383	1	3	-----	59,250	-----
Lehigh & Wilkes-Barre Coal													
Audenried No. 4,* -----	C. R. R. of N. J.,	Schuykill, -----	345,790	46,070	7,298	389,167	284	775	1	14	8,850	199,570	3,035
Honey Brook No. 5, -----	C. R. R. of N. J.,	Schuykill, -----	235,220	25,274	-----	260,494	263	579	5	-----	22,050	118,530	100
Total, -----			581,019	71,344	7,298	659,661	-----	1,354	1	19	30,900	318,100	3,135

*Slopes Nos. 21 and 23 in Carbon County; no production.

†Coal prepared at Spring Mountain breaker.

Lehigh Valley Coal Co.	Luzerne, -----	L. V., -----	211,420	82,382	7,370	301,172	276	486	2	2	97,450
Spring Mountain, -----	Carbon, -----	L. V., -----	9,679	-----	627	10,206	57	153	-----	-----	42,928
Spring Brook, [†] -----	Carbon, -----	L. V., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Spring Brook Washery, -----	Carbon, -----	L. V., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	221,099	82,382	7,897	311,378	-----	638	2	2	140,372
Thomas R. Reese & Son	C. R. R. of	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Dusky Diamond, [†] -----	N. J., -----	177	-----	30	207	66	19	-----	-----	-----	2,000
Van Wickle Estate, A. S.	P. & R., I. V.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Coleraine, -----	{C. R. R. of	115,534	53,931	2,157	171,629	299	385	-----	3	-----	56,200
Grand total, -----	[N. J., -----]	-----	2,497,285	313,232	344,552	3,155,069	-----	5,943	11	601	43,000 1,384,346
											63,293

¹Disability 60 days or more.

[†]Abandoned April 1, 1921.

[†]Coal prepared at Spring Mountain breaker.

SEVENTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em-ployees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dyna-mite	Per-missible
Lehigh Coal & Navigation Co.													
Nesquehoning, -----	Carbon, -----	{C. R. R. of N. J. L. & N. E.}	710,292	14,154	10,304	734,750	260	1,454	5	16	104,550	342,662	95,992
Lansford, -----	Carbon, -----	{C. R. R. of N. J. L. & N. E.}	735,026	84,652	16,528	836,206	259	1,820	4	29	-----	519,158	72,863
Coaldale, *	{Carbon, ----- Schuylkill, -----}	{C. R. R. of N. J. L. & N. E.}	649,262	67,729	17,670	734,661	258	1,490	4	18	31,275	374,523	128,436
Greenwood, -----	Schuylkill, -----	{C. R. R. of N. J. L. & N. E.}	414,951	47,659	-----	462,610	258	842	1	10	-----	138,034	41,500
Rahn, -----	Schuylkill, -----	{C. R. R. of N. J. L. & N. E.}	428,442	7,273	6,423	438,138	260	866	8	21	-----	196,901	42,455
			5,933,973	221,467	50,925	3,206,365	-----	6,562	22	94	135,825	1,571,278	381,246
Hauto Washery, -----	Carbon, -----	{O. R. R. of N. J. L. & N. E.}	35,827	678	5,083	41,088	46	-----	-----	-----	-----	-----	-----
Ashton Washery, -----	Carbon, -----	{C. R. R. of N. J. L. & N. E.}	3,098	720	651	4,469	-----	-----	-----	-----	-----	-----	-----
Total, -----			38,125	1,398	5,734	45,557	-----	-----	-----	-----	-----	-----	-----
Grand total, -----			2,972,398	222,865	56,659	3,251,922	-----	6,562	22	94	135,825	1,571,278	381,246

*Breaker destroyed by fire May 12, 1921; coal prepared at Ashton Washery.

1Disability 60 days or more.

EIGHTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds	
											Dynamite	Black powder
Alliance Coal Mining Co.												
Alliance, -----	P. & R., -----	144,928	28,326	1,300	174,554	282	526	6	4		45,000	90,000
Bergen Coal Co.												
Bergen, -----	Auto to P. & R.	17,750	1,075	6,421	25,246	275	58				9,975	
East Lehigh, -----	{L. & N. E. P. & R., -----}	35,097	1,440	5,262	41,789	147	169				31,000	700
Gorman & Campion Coal Co.												
Bell, -----	P. & R., -----	46,270	3,600	2,307	52,177	288	100		1			15,000
Hudson Coal Co.												
Millford,†	P. & R., -----	-----	-----	-----	-----	-----	13					
Lehigh Coal & Navigation Co.												
Tamaqua, -----	L. & N. E., -----	373,249	51,012	1,793	426,054	266	795	3	6		204,865	44,810
Lehigh Valley Coal Co.												
Buck Mountain, -----	L. V., -----	356,085	47,443	1,261	404,759	294	640	1	10		25	34,689
Maryd Coal Co.												
Maryd, -----	{C. R. R. of N. J. P. & R., -----}	238,676	45,913	2,502	277,091	274	431	3	10			150,567
Mill Creek Coal Co.												
Morea, -----	Schuykill, -----	152,772	2,246	1,557	156,575	287	362	1	3		95,760	
Middle Lehigh, -----	Schuykill, -----	33,388	21,625	4,29	55,442	258	123	1	2		32,747	
Wolfe Creek, -----	Schuykill, -----	43,148	4,785	-----	41,943	284	93	-----	-----		400	45,779
Total, -----	-----	239,308	28,666	1,986	259,960	-----	578	2	5		400	174,276

*Old mine reopened.
†Abandoned June 1921.

EIGHTEENTH DISTRICT, 1921—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons sold locally	Total production (gross tons)	Days worked	Employers	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds	
										Black powder	Dynamite
P. & R. Coal & Iron Co.											
Silver Creek, -----	P. & R., -----	431,982	45,572	4,934	482,538	287	876	4	14	-----	296,962
Wadesville, -----	P. & R., -----	321,279	69,012	16,240	396,531	291	978	1	21	-----	42,682
Eagle Hill, -----	P. & R., -----	317,500	68,470	7,295	383,244	281	784	4	19	-----	146,415
Reevesdale, -----	P. & R., -----	89,840	7,100	24	97,030	206	200	1	2	3,975	27,090
Pine Forest, -----	P. & R., -----	62,971	2,704	13	65,688	74	141	1	1	975	7,925
Schuykill Washery, -----	P. & R., -----	1,223,587	172,918	28,526	1,425,031	10	2,988	10	57	3,975	613,124
Schuykill, -----	P. & R., -----	34,890	950	-----	35,830	46	162	-----	-----	175	213,223
Total, -----		1,258,467	173,868	28,536	1,460,861	-----	3,150	10	57	3,975	513,299
St. Clair Coal Co.	P. & R., -----	168,011	87,000 ²	10,800	265,811	257	650	1	3	69,400	202,151
Schuykill, -----	P. & R., -----	21,818	903	6,081	28,802	188	111	-----	2	-----	8,175
Schuykill Valley Coal Co. Progressive, ³	P. & R., -----	13,544	-----	-----	13,544	99	22	-----	-----	-----	-----
Thouron Coal Co.	P. & R., -----	2,803,203	469,216	68,239	3,430,658	-----	7,243	26	881	73,800	1,223,430
Grand total, -----		-----	-----	-----	-----	-----	-----	-----	-----	-----	770,502

¹Disability 60 days or more.²75,000 tons stored at colliery.³Formerly Lucy R., Port Carbon Coal Co.

*New operation.

NINETEENTH DISTRICT, 1921

NINETEENTH DISTRICT, 1921—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons sold locally at collieries	Total production (gross tons)	Days worked	Employes	Fatal accidents	Explosives used—pounds		
									Black powder	Dynamite	Permissible
P. & R. Coal & Iron Co.											
Otto, -----	Schuylkill, -----	P. & R., -----	201,834	1,789	293,868	291	656	2	9	50	34,625
Phoenix Park, -----	Schuylkill, -----	P. & R., -----	216,808	53,099	290,867	290	521	4	11	477	57,135
John Veith,*	Schuylkill, -----	P. & R., -----	32,419	-----	52,419	291	78	-----	2	125	128,854
Pine Knot, -----	Schuylkill, -----	P. & R., -----	209,819	49,732	273,225	291	480	-----	8	300	15,300
Glendower, -----	Schuylkill, -----	P. & R., -----	188,354	18,623	266,977	291	370	1	6	500	66,378
Thomaston, **	Schuylkill, -----	P. & R., -----	19,655	-----	19,655	291	166	-----	2	360	7,187
Anchor Washery, -----	Schuylkill, -----	P. & R., -----	809,294	231,104	17,533	1,118,201	2,271	9	38	50	230,214
Total, -----	Schuylkill, -----	P. & R., -----	15,726	1,324	17,050	41	72	-----	-----	1,067	275,214
Pine Hill Coal Co.											
Pine Hill, -----	Schuylkill, -----	Penna., -----	259,362	43,800	1,640	304,802	276	746	9	50	251,281
Sherman Coal Corporation	Schuylkill, -----	P. & R., -----	23,148	-----	-----	23,148	274	76	-----	-----	275,226
York Farm Coal Co.	Schuylkill, -----	L. V., -----	27,954	10	1,800	29,794	129	23	-----	9,279	500
Grand total, -----	Schuylkill, -----	-----	2,007,663	401,846	29,762	2,499,270	5,246	29	861	300	536,364
											660,226

*Disability 60 days or more.

*Coal prepared at Otto breaker.

**Coal prepared at Pine Knot breaker.

TWENTIETH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Explosives used—pounds		
										Black powder	Dynamite	Permissible
Lehigh Valley Coal Co.	Schuylkill, -----	L. V., -----	421,872	90,331	4,236	516,439	294	838	5	25	118,700	165,950
Park, -----	Schuylkill, -----	L. V., -----	20,974	855	-----	21,839	57	59	-----	600	-----	-----
Total, -----	Schuylkill, -----	P. & R. Coal & Iron Co.	442,846	91,186	4,236	538,268	-----	917	5	25	119,300	165,950
-----	Schuylkill, -----	P. & R., -----	337,809	42,074	1,343	381,316	292	802	2	27	142,963	-----
-----	Schuylkill, -----	P. & R., -----	136,379	31,822	-----	168,261	292*	352	4	11	69,978	14,891
-----	Schuylkill, -----	P. & R., -----	303,844	64,511	-----	368,355	294	865	8	23	64,708	67,000
-----	Schuylkill, -----	P. & R., -----	307,825	36,436	32,054	375,815	292	688	2	10	157,990	50
-----	Schuylkill, -----	P. & R., -----	258,547	59,460	2,492	320,499	292	689	5	16	154,736	-----
-----	Schuylkill, -----	P. & R., -----	103,044	44,377	2,024	149,445	294	190	13	18	39,811	50
-----	Schuylkill, -----	P. & R., -----	249,978	26,764	-----	276,742	294	770	1	18	100,913	-----
-----	Schuylkill, -----	P. & R., -----	229,823	60,768	-----	290,621	294	722	1	21	182,963	4,425
-----	Schuylkill, -----	P. & R., -----	1,926,869	306,212	37,913	2,330,994	-----	5,007	23	139	1,890	86,416
Washeries	Schuylkill, -----	P. & R., -----	9,508	-----	-----	9,508	43	-----	-----	-----	26	921
Knickerbocker, -----	Schuylkill, -----	P. & R., -----	42,624	-----	-----	42,624	60	-----	-----	-----	35	921
North Manayon, -----	Schuylkill, -----	52,132	-----	-----	52,132	-----	-----	-----	-----	60	921	-----
Total, -----	Schuylkill, -----	1,979,001	306,212	37,913	2,333,196	-----	5,067	23	139	1,890	913,126	87,337
Grand total, -----	Schuylkill, -----	2,421,847	457,398	42,149	2,921,394	-----	5,084	28	1494	1,875	1,032,426	253,287

**Coal prepared at Saint Nicholas breaker.

*Coal prepared at Ellington breaker.

1Disability 60 days or more.

TWENTY-FIRST DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Cambridge Coal Co.	Cambridge, -----	P. & R., -----	6,766	3,640	617	11,023	182	48	-----	-----	-----	9,000	-----
Lehigh Valley Coal Co.	Schuylkill, -----	L. V., -----	216,905	17,619	-----	234,524	-----	-----	-----	-----	-----	122,675	-----
Packer No. 2, -----	Schuylkill, -----	L. V., -----	131,495	-----	-----	131,495	291	179	1	1	12	24,226	-----
Packer No. 3, -----	Schuylkill, -----	L. V., -----	173,553	76,639	2,450	252,622	-----	-----	1	12	6	85,457	-----
Packer No. 4, -----	Schuylkill, -----	L. V., -----	503,509	66,545	3,651	573,705	294	719	2	5	-----	246,293	-----
Packer No. 5, -----	Schuylkill, -----	L. V., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	Schuylkill, -----	P. & R., -----	1,025,402	100,803	6,061	1,192,346	-----	1,663	4	18	12	481,643	-----
Locust Mountain Coal Co.	Schuylkill, -----	L. V., -----	580,457	6,955	1,864	589,206	230	802	3	3	74,350	452,831	-----
Weston, -----	Schuylkill, -----	L. V., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
P. & R. Coal & Iron Co.	Schuylkill, -----	P. & R., -----	265,839	85,106	4,387	353,332	294	657	2	8	-----	92,070	72,057
Hammond, -----	Schuylkill, -----	P. & R., -----	177,879	-----	-----	198,815	293	455	2	10	50	112,420	-----
Indian Ridge, -----	Schuylkill, -----	P. & R., -----	-----	12,804	-----	12,804	294	222	5	5	41,794	-----	-----
Kohinoor, -----	Schuylkill, -----	P. & R., -----	200,557	46,022	46,022	301,740	294	724	5	17	91,676	16,350	-----
Shenandoah City, -----	Schuylkill, -----	P. & R., -----	-----	-----	-----	-----	-----	558	3	11	114,900	50,312	26,375
Turkey Run, -----	Schuylkill, -----	P. & R., -----	625,086	64,029	-----	687,115	294	601	-----	10	-----	-----	-----
West Shenandoah, -----	Schuylkill, -----	P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Plank Ridge Washery, -----	Schuylkill, -----	P. & R., -----	1,274,301	228,897	50,548	1,553,806	43	3,207	12	61	50	503,181	114,782
Total, -----	Schuylkill, -----	P. & R., -----	17,520	1,725	1	19,246	-----	89	-----	-----	290	-----	-----
Raven Run Coal Co.	Raven Run, -----	P. & R., -----	1,291,881	230,622	50,549	1,573,052	-----	3,296	12	61	50	503,471	114,782
Susquehanna Collieries Co.	Schuylkill, -----	P. & R., -----	142,990	3,117	402	146,509	269	235	-----	1	2,125	15,774	31,488
William Penn, -----	Penna., -----	202,061	35,763	1,957	239,811	249	484	-----	-----	-----	-----	119,115	-----

× Production included with West Shenandoah Colliery.

Thomas Oollery Co.	Schuykill,	P. & R.,	176,188	961	178,765	280	373	2	3	22,275	30,950
Xebley Run,	Schuykill,	L. V.	38,246	3,948	39,194	78	130	1	3	2,200	
Black Creek Washery	No. 1,	P. & R.,	18,072	459	18,531	99	36			150	
Black Creek Washery	No. 2,										
Total, -			229,501	6,029	236,490		539	3	3	24,625	30,950
Grand total, -			3,479,118	446,928	62,451	3,988,497		7,126	22	861	76,537 1,603,459 177,230

¹Disability 60 days or more.

TWENTY-SECOND DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em-ployees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dyna-mite	Per-missible
East Bear Ridge Colliery Co.													
East Bear Ridge, -----	P. & R., -----	230,835	22,500	2,875	262,210	282	430	1	4	-----	111,800	-----	-----
Harleigh-Brookwood Coal Co.													
Lawrence, -----	P. & R. & Penna., -----	331,481	52,214	-----	383,695	238	750	1	8	-----	213,658	25,508	-----
Lehigh Valley Coal Co.													
Centralia, -----	L. V., -----	417,426	62,304	6,250	485,980	290	753	1	2	-----	325,877	-----	-----
Sayre, -----	L. V., -----	311,834	84,000	4,948	400,782	284	763	2	13	60	257,974	-----	-----
Continental Washery, -----	L. V., -----	729,260	146,304	11,198	886,702	116	1,516	3	15	60	683,851	-----	-----
Total, -----		90,156	1,660	-----	91,816	116	35	-----	-----	60	583,851	-----	-----
Laurel Coal Mining Co.													
Bickel, -----	P. & R., -----	21,436	190	-----	21,626	223	58	-----	1	-----	15,550	5,500	-----
P. & R. Coal & Iron Co.													
Locust Gap, -----	P. & R., -----	503,367	90,155	2,309	508,831	291	390	1	12	-----	169,480	1,350	-----
Locust Spring, -----	P. & R., -----	209,225	42,205	11,172	353,152	292	806	3	19	-----	151,657	34,867	-----
Potts, -----	P. & R., -----	268,667	58,240	15,664	342,571	291	777	2	19	-----	109,136	111,761	-----
Bast, -----	P. & R., -----	193,088	70,447	6,875	270,410	292	750	2	17	-----	187,825	32,387	-----
Gilberton, -----	P. & R., -----	149,806	35,396	-----	185,202	262	461	1	10	-----	154,414	25	900
Draper, -----	P. & R., -----	104,144	45,768	-----	149,912	292	351	2	5	125	119,738	110,943	-----
Boston Run, -----	P. & R., -----	87,132	11,521	-----	96,653	143	206	6	3	-----	54,651	-----	-----
Bancroft, -----	P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----		1,608,429	353,732	38,570	1,998,731	-----	4,371	11	91	15,425	1,057,744	181,410	-----

*Coal prepared at Locust Gap breaker.

Reppier Coal Co.	Columbia, -----	P. & R., -----	45,055	282	15	45,352	101	58	-----	-----	-----	-----
Locust Run Washery, -----	Columbia, -----	P. & R., -----	45,055	282	15	45,352	101	58	-----	-----	-----	-----
Midvalley Coal Co.	Columbia, -----	L. V., -----	182,291	49,132	2,983	234,406	271	439	2	5	-----	142,850
Midvalley, -----	Columbia, -----	L. V., -----	182,291	49,132	2,983	234,406	271	439	2	5	-----	28,850
Girardville Mining Co.	Schuykill, -----	P. & R., -----	97,189	33,941	-----*	130,130	266	287	-----	6	75,817	8,388
Girard, x x -----	Schuykill, -----	P. & R., -----	97,189	33,941	-----*	130,130	266	287	-----	6	75,817	8,388
Grand total, -----	-----	-----	3,342,132	658,985	53,641	4,054,728	-----	7,953	18	130 ¹	15,485	2,201,270
												249,656

¹Disability 60 days or more.
x x Operated by W. R. McTurk Coal Co. previous to November, 1921.

TWENTY-THIRD DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Susquehanna Collieries Co.													
Pennsylvania, - - - - -													
Richards, - - - - -			345,076	65,444	5,463	415,983	269	834	2	13		52,467	210,275
Scott, - - - - -			225,870	51,563	—	281,423	255	761	4	10		69,031	177,675
			315,513	68,999	6,361	380,873	267	785	6	17		57,825	197,375
Hickory Ridge Washery, - - -													
			800,459	185,966	11,824	1,083,279	—	2,380	12	40		179,323	585,325
			20,512	4,068	—	24,580	51	21					
Total, - - - - -			910,971	190,064	11,524	1,112,859	—	2,401	12	40		179,323	585,325
P. & R. Coal & Iron Co.													
Alaska, - - - - -			206,540	36,160	—	323,000	290	879	1	21		450	297,820
Reliance, - - - - -			221,256	40,338	40,406	302,000	288	675	3	10		50	154,062
Total, - - - - -			518,096	76,498	40,406	635,000	—	1,554	4	31		500	391,882
Colonial Colliery Co.													
Natalie, - - - - -			306,994	25,285	1,341	323,620	274	639	2	1		63,500	176,800
Greenough Red Ash Coal Co.													
Greenough, - - - - -			197,031	30,295	2,515	229,841	276	487	2			75,202	55,010
Excelsior Coal Co.													
Corbin, - - - - -			190,000	12,000	600	202,600	270	303	3	1		9,300	3,900
Enterprise, - - - - -			144,921	54,750	816	200,487	259	594	2	1		40,825	19,147
Shamokin Red Ash Coal Co.													
Washery, - - - - -			62,578	3,200	—	65,778	208	55					
Grand total, - - - - -			2,380,591	392,092	57,502	2,790,185	—	6,033	25	714		50,625	732,964
													1,157,042

1 Disability 60 days or more.

TWENTY-FOURTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Buck Ridge Coal Mining Co.													
Buck Ridge, -----	Penna. & P. & R., -----	142,479	32,000	3,851	178,330	285	364	3	3	-----	113,550	200	
P. & R. Coal & Iron Co.													
North Franklin, -----	P. & R., -----	368,658	32,650	7,083	408,371	289	834	4	18	150	942,153	-----	
Bear Valley, -----	P. & R., -----	300,963	39,867	21,569	405,339	291	836	2	16	1,300	287,700	-----	
Burnside, -----	P. & R., -----	384,327	53,745	23,666	461,738	292	696	-----	16	40,375	170,195	-----	
Stirling, -----	P. & R., -----	267,550	65,594	40,752	373,806	292	261	1	10	27,750	44,891	27,912	
Henry Clay, -----	P. & R., -----	1,381,438	191,836	74,070	1,647,344	387	3,371	7	78	70,925	1,048,100	85,515	
Total, -----													
Shipman Coal Co.													
Colbert, -----	Penna., -----	82,858	19,200	404	102,462	217	387	-----	3	-----	39,525	27,450	
Susquehanna Collieries Co.													
Cameron, -----	Penna., -----	163,256	34,070	9,961	207,277	223	582	3	12	3,300	34,375	73,075	
Lake Fidler, -----	Penna., -----	240,296	35,347	3,307	278,950	253	607	1	7	2,800	85,539	75,450	
Total, -----													
Trevorton Colliery Co.													
Katherine, -----	P. & R., -----	119,180	11,020	945	131,145	247	252	2	-----	6,100	119,914	148,525	
Grand total, -----													
		2,129,507	323,473	92,528	2,545,508	-----	5,563	16	1,084	77,025	1,342,470	313,288	

*Disability 90 days or more.

TWENTY-FIFTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons sold locally	Tons used at collieries	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Dynamite	Black powder	Permissible
P. & R. Coal & Iron Co.													
Lincoln, -----	P. & R., -----	341,517	72,333	5,724	419,574	294	1,027	7	17	3,025	153,647	19,675	
Brookside, -----	P. & R., -----	312,156	55,065	5,905	373,156	295	977	2	15	-----	156,785	-----	
Good Spring, -----	P. & R., -----	206,216	74,234	8,705	289,155	295	588	2	11	75	109,865	12,096	
Tower City, -----	P. & R., -----	148,504	-----	-----	148,864	256	334	3	4	-----	154,420	-----	
Valley View*, -----	P. & R., -----	154,311	-----	-----	154,311	295	290	2	6	-----	172,725	-----	
Middle Creek, -----	P. & R., -----	70,257	5,401	3,007	78,065	147	265	1	1	-----	46,222	-----	
		1,238,351	207,033	23,341	1,463,725	-----	3,451	17	54	3,100	799,065	31,771	
Washeries													
Rausch Creek, +-----	P. & R., -----	29,359	8,787	-----	31,146	54	139	-----	-----	-----	23,925	-----	
Lincoln, -----	P. & R., -----	26,355	-----	-----	26,355	41	63	-----	-----	-----	250	-----	
		48,714	8,787	-----	57,501	-----	92	-----	-----	-----	24,175	-----	
Total, -----		1,238,065	215,820	23,341	1,321,226	-----	3,633	17	54	3,100	823,270	31,771	
Susquehanna Collieries Co.													
Short Mountain, -----	Penna., -----	296,777	87,798	27,386	411,961	268	915	4	9	-----	153,457	138,155	
Williamstown, -----	Penna., -----	248,462	34,064	6,442	288,968	257	917	3	14	-----	68,899	155,996	
		545,239	121,862	33,828	700,929	-----	1,882	7	23	-----	222,356	289,151	
Washeries													
Short Mountain, -----	Penna., -----	19,165	3,865	-----	23,030	144	16	-----	-----	-----	-----	-----	
Williamstown, -----	Penna., -----	16,667	65,817	152	82,484	344	25	-----	-----	-----	-----	-----	
Summit Slope Bank, -----	Penna., -----	7,236	-----	-----	7,437	253	6	-----	-----	-----	-----	-----	
		43,117	69,834	-----	112,951	-----	47	-----	-----	-----	-----	-----	
Total, -----		588,356	191,696	33,828	813,880	-----	1,879	7	23	-----	222,356	289,151	
Grand total, -----		1,870,421	407,516	57,169	2,335,106	-----	5,582	24	77	3,100	1,045,656	320,922	

*Disability 60 days or more.

*Coal prepared at Good Spring breaker.

†Opening drifts; no production.

†Coal prepared at Brookside breaker.

FIRST DISTRICT, 1922

✓ Included with colliery.

FIRST DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Days worked	Total production (gross tons)	Employes	Fatal accidents	Explosives used—pounds		
										Black powder	Dynamite	Permissible
Mount Jessup Coal Co., Ltd.												
Mount Jessup No. 2, -----	Lackawanna, -----	D. L. & W. {N. Y. O. & W. Erie, ----- D. & H., -----}	158,071	1,200	4,276	168,547	160	570	1	4	54,575	2,549
Murray B. Coal Co.	Lackawanna, -----	N. Y. O. & W., -----	4,664	50	80	4,794	94	40	-----	-----	1,000	-----
Simpson, -----	Lackawanna, -----	L. V., -----	68,741	6,000	2,956	77,697	108	218	2	-----	63,000	4,500
Northern Anthracite Coal Co.	Sullivan, -----	D. & H., -----	85,093	1,125	2,807	80,025	150	354	-----	2	131,450	4,205
Murray, -----	Lackawanna, -----	N. Y. O. & W., -----	12,290	515	169	12,944	124	46	-----	-----	-----	-----
Racket Brook Coal Co.	Lackawanna, -----	N. Y. O. & W., -----	22,857	125	2,100	25,082	95	40	-----	-----	-----	-----
Racket Brook, -----	Lackawanna, -----	N. Y. O. & W., -----	99,743	28,498	2,578	130,789	155	582	2	17,875	104,525	35,875
Richmondale Coal Co.	Lackawanna, -----	N. Y. O. & W., -----	16,184	-----	322	16,806	40	-----	-----	-----	-----	-----
Robertson Coal Co.	Lackawanna, -----	N. Y. O. & W., -----	116,227	28,468	2,900	147,595	-----	582	2	17,875	104,525	35,875
Robertson Washery, -----	Lackawanna, -----	N. Y. O. & W., -----	1,850	120	50	2,020	60	34	-----	-----	-----	250
Seranton Coal Co.	Lackawanna, -----	N. Y. O. & W., -----	7,799	1,138	77,994	149	314	1	9,200	63,927	-----	-----
Ontario, -----	Lackawanna, -----	(Erie, ----- {N. Y. O. & W.})	69,057	-----	-----	-----	-----	-----	-----	-----	-----	-----
Ontario Washery, -----	Lackawanna, -----	-----	1,310,588	137,587	59,502	1,516,672	-----	5,389	10	281	731,750	416,531
Total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	284,841
Superior Anthracite Coal Co.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Nay-Aug. No. 2, -----	Lackawanna, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,200
Temple Coal Co.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Northwest, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹Disability 60 days or more.x ²Included with colliery.

SECOND DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Explosives used—pounds		
									Black powder	Dynamite	Permissible
Amerman Coal Co.	Lackawanna, -----	D. & H., -----	5,600	-----	5,600	203	33	-----	1	75	200
Fireside, -----	Lackawanna, -----	D. & H., -----	78,728	3,210	2,865	84,803	160	341	2	3,750	6,750
Archbald Coal Co.	Lackawanna, -----	D. & H., -----	78,071	776	-----	78,847	158	381	1	60,325	1,500
Tappans, -----	Lackawanna, -----	Erie, -----	78,071	776	-----	78,847	158	381	1	60,325	1,500
Hillside Coal & Iron Co.	Lackawanna, -----	D. & H., -----	390,524	35,947	2,898	429,349	151	1,336	1	8	230,300
Erie, -----	Lackawanna, -----	D. & H., -----	390,626	9,658	5,898	317,082	143	1,025	1	7	126,700
Coh Brook, -----	Lackawanna, -----	D. & H., -----	227,396	25,813	9,843	263,632	153	946	2	112,875	17,006
Gravity Slope, -----	Lackawanna, -----	D. & H., -----	175,118	7,919	-----	183,637	125	806	5	11	76,675
Powdery, -----	Lackawanna, -----	D. & H., -----	-----	-----	-----	1,192,540	-----	4,113	9	28	546,650
Jermyn, -----	Lackawanna, -----	D. & H., -----	1,094,664	79,237	18,639	1,192,540	-----	4,113	9	28	75,084
Washeries	Lackawanna, -----	D. & H., -----	10,668	14,025	-----	24,693	151	-----	-----	-----	279,779
Coal Brook, -----	Lackawanna, -----	D. & H., -----	20,060	532	-----	20,612	143	-----	-----	-----	-----
Gravity Shop, -----	Lackawanna, -----	D. & H., -----	30,758	14,577	-----	45,335	-----	-----	-----	-----	-----
Total, -----	Lackawanna, -----	Erie, -----	1,125,422	95,814	18,639	1,237,875	-----	4,113	9	28	546,650
Humbert Coal Co.	Lackawanna, -----	D. & H., -----	66,323	3,600	612	70,535	165	265	-----	24,625	5,575
Sunnyside, -----	Lackawanna, -----	Erie, -----	13,154	415	344	13,913	90	50	-----	-----	-----
Johnson Coal Co.	Lackawanna, -----	D. & H., -----	412	-----	-----	775	1,187	92	21	1	250
Oak Run,*	Lackawanna Coal Mining Co. Falls, -----	N. Y. O. & W.	32,088	226	2,681	34,965	163	149	-----	1	-----
Murfin, -----	Lackawanna, -----	N. Y. O. & W.	-----	-----	-----	-----	-----	-----	-----	8,359	2,400

* Included with Coal Brook Colliery.

* Stripping operation.

SECOND DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Dynamite	Black powder	Permissible
Rhondda Coal Co.	N. Y. O. & W.	71,897				71,897	176	54					
Rhondda Washery, -----	Lackawanna, -----												
Rose Coal Co.	D. & H., -----	6,450	210	20	6,680	72	35						
Rose Washery, -----	Lackawanna, -----												
Scranton Coal Co.	N. Y. O. & W.	94,638	8,473	13,263	8,254	103,111	150	441	1	11,230	99,000	200	
Raymond, [†] Riverside, -----	N. Y. O. & W.	51,352				97,869	149	392		41,250	15,000	25,500	
Total, -----	N. Y. O. & W.	175,990	21,736	3,254	3,254	200,980			1	52,500	114,000	25,700	
Temple Coal Co.	Erle, -----	130,188	18,997	9,127	158,312	145	508	1	2	66,700	63,850		
Grand total, -----		1,784,323	142,984	38,317	1,965,624	-----	6,783	10	371	754,675	275,328	425,834	

[†]Coal prepared at Ontario Colliery, 1st District.

[‡]Disability 60 days or more.

THIRD DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em. employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Warren T. Acker & Others Peasant Mount Washery, --	Lackawanna, -----	N. Y. O. & W.	23,471	†		23,471	67	18					
H. P. Decker Coal Co.	Lackawanna, -----	D. L. & W., --	11,672	2,037		13,709	107	28					
Cayuga Washery, -----	Lackawanna, -----	D. L. & W., --	468,829	17,609		486,438	157	1,700	4	9	131,550	533,577	
Glen Alden Coal Co.	Lackawanna, -----	D. L. & W., --											
Diamond, -----	Lackawanna, -----	D. & H., --											
Hudson Coal Co.	Lackawanna, -----	D. & H., --	320,224	6,301	3,157	329,682	135	1,313	7	5	375,575	50,547	
Eddy Creek, -----	Lackawanna, -----	D. & H., --	285,127	30,527	25,282	341,236	144	1,680	4	6	379,100	9,462	
Marvine, -----	Lackawanna, -----	D. & H., --											
Total, -----	Lackawanna, -----	D. & H., --	20,286	69,801	28,439	670,918	135	2,993	11	11	754,675	9,462	187,838
Legits Creek Anthracite Co.	Lackawanna, -----	D. & H., --	625,937	106,629	28,439	761,005	111	2,993	11	11	754,675	9,462	187,838
Legits Creek, -----	Lackawanna, -----	D. & H., --	188,650	22,536	6,164	217,350	164	813	3	4	51,700	37,505	128,660
Mid-City Coal Co.	Lackawanna, -----	N. Y. O. & W., --	36,163	800	10,558	47,561	150	221			1,250	2,150	18,900
Bulls Head,	Lackawanna, -----	N. Y. O. & W., --											
Scranton Coal Co.	Lackawanna, -----	N. Y. O. & W., --											
West Ridge, -----	Lackawanna, -----	D. & H., --	97,791	9,619	25,320	132,730	165	613	2	2	330	5,890	59,412
Von Storch Collieries Co.	Lackawanna, -----	D. & H., --	1,452,513	159,230	70,521	1,682,264	261	6,408	20	20	939,355	588,674	394,340
Grand total, -----													

Included with Eddy Creek Colliery.

† Not reported.

*Repairing.

† Disability 60 days or more.

FOURTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal non-fatal accidents	Explosives used—pounds		
										Black powder	Dynamite	Permissible
Glen Alden Coal Co.												
Hyde Park, -----	Lackawanna, -----	D. L. & W.-----	68,224	-----	14,457	82,681	76	592	1	5	75,900	23,219
Green Ridge Coal Co.	Lackawanna, -----	{Erie, ----- (D. & H., -----)	16,121	3,254	6,003	25,378	90	150	-----	1	3,254	24,025
Green Ridge, -----	Lackawanna, -----	{D. & H., ----- 177,768	10,674	-----	188,442	139	241	2	-----	91,225	480	6,231
Hudson Coal Co.	Lackawanna, -----	D. & H., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Manville, -----	Lackawanna, -----	{D. L. & W., ----- (N. Y. O. & W.)	67,704	180	3,236	71,120	295	38	-----	-----	400	-----
Lackawanna Fuel Co.	Lackawanna, -----	-----	151,936	12,104	21,392	185,432	165	570	1	5	156,200	1,850
Lackawanna Washery, -----	Lackawanna, -----	Erie, -----	-----	2,041	-----	2,041	153	16	-----	1	-----	-----
Pennsylvania Coal Co.	Lackawanna, -----	{N. Y. O. & W. (D. L. & W.,)	145,218	59,804	5,382	210,404	164	779	3	6	141,625	16,806
No. 5, -----	Petersburg Coal Co.	Park, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Pancoast, -----	Lackawanna, -----	-----	295,070	32,109	71,832	369,071	-----	1,584	3	7	260,625	41,450
Scranton Coal Co.	Lackawanna, -----	N. Y. O. & W. N. Y. O. & W. N. Y. O. & W.	197,063 55,138 12,869	17,897 11,385 2,917	64,588 66,523 23,030	270,518 147 123	159 329 171	-----	2	6	215,000 40,000 5,625	33,450 8,000 19,500
Pine Brooke -----	Lackawanna, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Canouse, # -----	Lackawanna, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mount Pleasant, -----	Lackawanna, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----												
Se-Rob Coal Co.	Lackawanna, -----	{D. L. & W., ----- (N. Y. O. & W.)	51,761	-----	4,713	56,474	155	123	-----	-----	44,750	-----
Se-Rob, -----												
Grand total, -----				945,843	118,185	127,015	1,191,043	-----	4,093	10	251	773,479
												108,230
												134,381

*Coal prepared at Marvine breaker, 3rd District.
#Coal prepared at Johnson breaker, 6th District.
†Disability 60 days or more.

FIFTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Explosives used—pounds		
										Black powder	Dynamite	Permissible
Black Diamond Fuel Co.												
Minooka Washery, -----	Lackawanna, -----	D. & H., -----	15,732			15,732	215	14				
John Gibbons Coal Co.	Lackawanna, -----	D. & H., -----	42,774	1,545	7,404	51,723	337	14				
Glen Alden Coal Co.	Lackawanna, -----	D. L. & W., -----	8,681	1,442	407	10,530	10	611	4	1	6,975	1,813
National, -----	Lackawanna, -----	D. L. & W., -----	160,844	9,501		170,345	142	668	1	6	150,075	68,777
Baker, -----	Lackawanna, -----	D. L. & W., -----	62,532	7,506		70,038	76	389		3	45,850	17,562
Shoan, -----	Lackawanna, -----	D. L. & W., -----	243,591	83		243,674	160	847	4	4	108,000	147,024
Archbold, -----	Lackawanna, -----	D. L. & W., -----					116	1	1			
Continental, # -----	Lackawanna, -----	D. L. & W., -----					365	67				
Hampton Power Plant, -----	Lackawanna, -----	D. L. & W., -----										
Total, -----			475,648	18,632	407	494,567		2,698	10	15	311,010	230,176
Hudson Coal Co.	Lackawanna, -----	D. & H., -----	233,375	16,085	7,388	256,848	132	1,000	2	1	228,450	23,678
Greenwood, -----	Lackawanna, -----	L. & W. V., -----	22,128	290	1,100	23,428	117	141	1		2,000	
W. Y. Moffat, x x x -----	Lackawanna, -----	{D. & H., W., D. L. & W.,-----}	4,520			1,249	5,769	85	35		1,250	6,550
Park Hill Coal Co.	Lackawanna, -----		3,600				3,600	45	130	1	250	500
Park Hill, *	Lackawanna, -----	L. & W. V., -----										
Powell & Jennings	Lackawanna, -----	N. Y. S. & W., -----	19,799	500		20,299	167	240			25,250	4,325
Rocky Glen, -----	Lackawanna, -----	D. & H., -----	9,406	821	2,567	12,324	87	30				
Scranton Anthracite Coal Co.	Lackawanna, -----											
Oak Hill, -----	Lackawanna, -----											
Sloven Hollow Coal Co.	Lackawanna, -----											
Shoem, -----	Lackawanna, -----											
Grand total, -----			827,042	37,183	20,115	884,340		4,302	13	171	563,210	274,873
x x x Formerly Carleton.		x Stripping Operation.		# Fighting mine fire.		* Coal prepared at Shoem Colliery.		† Disability 60 days or more.		✓		

SIXTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons sold locally	Tons used at collieries	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds	
											Black powder	Dynamite
Bald Mountain Coal Co. Marshwood, x	Lackawanna, ---	D. L. & W.,--	15,437	1,983	283	17,763	125	94	-----	3,125	2,725	3,250
John J. Boland Coal Co. Boland, ---	Erie, -----	4,598	20	3,512	8,130	163	30	-----	2,175	450	1,750	
Carney & Brown Coal Co. Carney & Brown, ---	{D. L. & W.,-- (Erie, -----)}	9,028	715	2,129	11,872	110	65	-----	1	7,500	3,825	2,125
Glen Alden Coal Co. Storts, -----	D. L. & W.,--	420,400	33,928	21,560	475,897	157	1,460	4	12	666,375	87,624	-----
Hudson Coal Co. Oliphant, -----	D. & H., --	355,593	48,146	16,777	420,516	140	1,446	2	5	332,050	-----	35,977
Mount Jessup Coal Co., Ltd. Mount Jessup No. 1, x	{D. L. & W.,-- [N. Y. O. & W. (Erie, D. & H.)]	15,769	297	97	16,163	37	151	-----	-----	950	86	17,800
Nay-Aug Coal Co. Nay-Aug, -----	Erie, -----	23,109	1,000	-----	24,100	115	156	-----	1	250	1,000	1,000
Pennsylvania Coal Co. No. 1, ----- Underwood, -----	Erie, ----- Erie, -----	491,403 387,473	30,360 24,294	108 4,852	521,871 416,679	162 171	1,355 1,170	2 5	7 6	470,700 392,475	7,240 193,570	32,967
Total, -----	-----	878,876	54,664	4,960	938,490	-----	2,625	7	13	803,175	200,810	32,967
Quinn Coal Co. No. 6 Washery, -----	Erie, -----	78,226	-----	-----	78,236	265	101	-----	-----	-----	-----	-----
Scranton Coal Co. Johnson, ----- Richmond No. 3, x x x	N. Y. O. & W. N. Y. O. & W.	59,665 39,109	14,643 7,257	4,098	77,406 39,366	122 127	400 240	1	1	17,500 50,000	12,025 16,400	-----
Total, -----	-----	90,774	21,900	4,098	116,772	-----	640	1	1	67,500	28,425	-----

x Coal prepared at Mount Jessup No. 2 breaker, 1st district.
x x Coal prepared at Johnson breaker.

Spencer Coal Co.	Lackawanna, -----	Eric, -----	38,681	1,500	12,270	52,451	161	199	-----	2,650	7,050	2,850
Scranton Anthracite Coal Co. Blkely, x x -----	Lackawanna, -----	N. Y. O. & W.	12,502	-----	155	12,657	149	72	-----	9,000	3,000	12,000
Scranton Anthracite Briquette Co., -----	Lackawanna, -----	D. L. & W.,--	6,073	1,297	-----	7,370*	40	55	-----	-----	-----	-----
*Dickson-City Plant, -----	Grand total, -----	-----	1,949,063	105,440	65,841	2,180,366	-----	6,994	14	333	1,054,750	334,905
												169,719

x x Coal prepared at Lackawanna breaker, 1st District.

*Coal obtained from culm bank, Storts Colliery, Glen Alden Coal Co.

¹Disability 60 days or more.

SEVENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal acci- dents	Explosives used—pounds			
										Black powder	Dyno- mite	Per- missible	
Glen Alden Coal Co.													
Taylor, -----	D. L. & W.,-----	304,004	12,023	16,311	302,338	155	980	3	9	307,576	42,142	-----	
Fyne, -----	D. L. & W.,-----	263,478	10,653	3,602	277,733	156	790	1	3	266,125	10,867	663	
Hallstead, -----	D. L. & W.,-----	93,594	6,848	3,319	103,761	154	336	-----	2	28,950	66,75	75	
Total, -----		721,076	29,524	23,232	773,832	2,108	4	14	14	602,650	119,799	641	
Hillside Coal & Iron Co.													
Consolidated, -----	Erie, -----	45,538	3,509	5,862	54,909	138	225	1	1	47,275	2,758	-----	
Jermyn & Co.	Luzerne, -----												
Jermyn, -----	{Erie, D. L. & W.,-----}	176,502	16,875	8,020	200,997	135	850	-----	2	112,500	115,900	20,500	
Pennsylvania Coal Co.	Lackawanna, -----												
Old Forge, -----	Erie, -----	213,766	49,554	168	263,488	124	1,307	3	4	111,875	18,431	55,316	
Central, -----	Erie, -----	123,257	15,588	6,944	145,769	149	635	3	2	119,500	16,604	7,704	
Total, -----		337,023	65,122	7,112	409,257	-----	1,942	6	6	231,175	30,035	63,020	
Suffolk Coal Co.													
Avoca, -----	Luzerne, -----	D. & H., -----	134,062	3,240	6,625	143,927	162	482	1	1	8,900	4,737	54,100
Dennington Coal Co.	Luzerne, -----												
Washery, -----	Lackawanna, -----	D. L. & W., & Erie, -----	23,734	-----	-----	23,734	135	23	-----	-----	-----	-----	
Reap-Murphy Coal Co.	Lackawanna, -----	D. L. & W.,-----	18,811	-----	-----	16,811	93	33	-----	-----	-----	-----	
Grand total, -----		1,455,746	118,270	51,451	1,625,467	-----	5,663	12	12	231,002,500	273,227	138,261	

*Disability 60 days or more.

EIGHTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Hillside Coal & Iron Co. Butler, -----	Luzerne, -----	Erie, -----	303,189	35,730	5,862	344,781	128	1,474	2	5	226,550	104,375	43,923
Hudson Coal Co. Lafayette, -----	Luzerne, -----	D. & H., -----	185,998	9,019	1,113	146,130	133	561	2	2	93,900	22,948	43,923
Pennsylvania Coal Co. Number 14, ----- Ewen, ----- Number 6, ----- Number 9, ----- Barnum, -----	Luzerne, ----- <td>Erie, -----<td>338,239</td><td>75,476</td><td>10,882</td><td>424,687</td><td>136</td><td>1,840</td><td>-----</td><td>10</td><td>328,350</td><td>81,139</td><td>5,322</td></td>	Erie, ----- <td>338,239</td> <td>75,476</td> <td>10,882</td> <td>424,687</td> <td>136</td> <td>1,840</td> <td>-----</td> <td>10</td> <td>328,350</td> <td>81,139</td> <td>5,322</td>	338,239	75,476	10,882	424,687	136	1,840	-----	10	328,350	81,139	5,322
	Luzerne, ----- <td>Erie, -----<td>306,519</td><td>48,814</td><td>669</td><td>359,302</td><td>145</td><td>1,729</td><td>1</td><td>8</td><td>246,950</td><td>92,128</td><td>75</td></td>	Erie, ----- <td>306,519</td> <td>48,814</td> <td>669</td> <td>359,302</td> <td>145</td> <td>1,729</td> <td>1</td> <td>8</td> <td>246,950</td> <td>92,128</td> <td>75</td>	306,519	48,814	669	359,302	145	1,729	1	8	246,950	92,128	75
	Luzerne, ----- <td>Erie, -----<td>246,951</td><td>24,761</td><td>12,261</td><td>283,973</td><td>146</td><td>1,814</td><td>1</td><td>12</td><td>268,650</td><td>95,102</td><td>11,835</td></td>	Erie, ----- <td>246,951</td> <td>24,761</td> <td>12,261</td> <td>283,973</td> <td>146</td> <td>1,814</td> <td>1</td> <td>12</td> <td>268,650</td> <td>95,102</td> <td>11,835</td>	246,951	24,761	12,261	283,973	146	1,814	1	12	268,650	95,102	11,835
	Luzerne, ----- <td>Erie, -----<td>330,054</td><td>38,729</td><td>15,563</td><td>378,336</td><td>156</td><td>1,832</td><td>1</td><td>9</td><td>224,600</td><td>53,581</td><td>64,729</td></td>	Erie, ----- <td>330,054</td> <td>38,729</td> <td>15,563</td> <td>378,336</td> <td>156</td> <td>1,832</td> <td>1</td> <td>9</td> <td>224,600</td> <td>53,581</td> <td>64,729</td>	330,054	38,729	15,563	378,336	156	1,832	1	9	224,600	53,581	64,729
	Luzerne, ----- <td>Erie, -----<td>50,920</td><td>15,451</td><td>3,047</td><td>69,418</td><td>121</td><td>356</td><td>4</td><td>4</td><td>14,850</td><td>2,252</td><td>7,700</td></td>	Erie, ----- <td>50,920</td> <td>15,451</td> <td>3,047</td> <td>69,418</td> <td>121</td> <td>356</td> <td>4</td> <td>4</td> <td>14,850</td> <td>2,252</td> <td>7,700</td>	50,920	15,451	3,047	69,418	121	356	4	4	14,850	2,252	7,700
Total, -----			1,276,043	201,231	38,412	1,515,686	-----	7,374	3	43	1,083,400	326,212	89,681
Grand total, -----			1,716,230	245,980	45,387	2,006,597	-----	9,409	7	501	1,403,850	453,535	132,904

Note: The following companies operated during the year but the Inspector failed to obtain the proper reports: Benjamin Coal Co., East Pittston Coal Co., Coal prepared at Pine Ridge breaker, 10th District.

Disability Go days of the week.

1000 100 100 100

NINTH DISTRICT, 1922

Operators and collieries		County	Railroad to mine	Tons shipped to market	Tons sold locally	Total production (gross tons)	Days worked	Fatal accidents	Em- ployees	Explosives used—pounds	
								Serious non- fatal acci- dents	Black powder	Dyna- mite	Per- missible
Harris-Denly Coal Co.	Kiniz,	Luzerne, -----	{L. V., & W., } (D. L. & W.,)	18,900	1,438	21,738	151	92	-----	6,950	10,500
Healey Coal Co.	Troy, # -----	Luzerne, -----	L. V., -----	2,109	*	2,109	32	48	1 -----	300	800 -----
John Ames Coal Co.	Phoenix Washery, -----	Luzerne, -----	L. V., -----	10,742	75	10,817	78	32	-----	-----	-----
John Fib Coal Co.	Wyoming Washery, -----	Luzerne, -----	L. V., -----	10,755	77	10,832	66	34	-----	-----	-----
Kingston Coal Co.	Kingston No. 4, -----	Luzerne, -----	{D. L. & W., } Penn., L. V. (D. & H., C. R. R. of N. J. -----)	143,827	38,000	191	182,018	162	724	1	5
Lehigh Valley Coal Co.	Exeter, -----	Luzerne, -----	L. V., -----	165,894	56,131	29,323	251,348	146	744	1	4
Westmoreland, -----	Luzerne, -----	L. V., -----	96,944	20,090	5,825	122,859	151	256	-----	6	21,000
Maity, -----	Luzerne, -----	L. V., -----	154,874	22,801	8,170	185,845	146	505	-----	4	91,450
Seneca, -----	Lackawanna, -----	L. V., -----	27,690	-----	-----	27,690	-----	1	-----	1	35,775
Heidelberg, -----	Luzerne, -----	{D. & H., (L. V., (D. & H., -----)	160,336	54,508	22,733	237,627	151	881	1	1	11,715
Total, -----	-----	74,914	40,887	1,922	117,723	134	358	1	3	1	105,435
		680,622	194,417	68,023	943,062	-----	3,022	6	18	198,500	547,100

*Power purchased.
#Coal prepared at Wyoming Washery.

Mount Lookout Coal Co.	Luzerne, -----	D. L. & W., L. V., -----	75,163	18,723	7,460	100,686	117	350	2	2	8,500	91,900
Temple Coal Co.	Luzerne, -----	L. V., -----	143,241	24,200	5,422	172,863	153	505	2	1	28,300	92,802
Forty Fort, -----	Luzerne, -----	L. V., -----	140,703	29,306	4,920	174,838	124	474	1	1	39,425	90,425
HARRY E., -----	Luzerne, -----	L. V., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	283,944	53,406	10,351	347,701	-----	979	3	2	67,725	183,287
Grand total, -----	-----	-----	1,226,002	305,498	87,463	1,618,963	-----	5,311	13	271	350,000	834,187
												27,750

¹Disability 60 days or more.

TENTH DISTRICT, 1922

Operators' and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Explosives used—pounds			
										Serious non-fatal accidents	Black powder	Dynamite	Permissible
Central Coal Co.	Luzerne, -----	D. & H., -----	34,297	1,050	1,512	36,859	163	174	2	1	41,037	1,817	6,342
Wyoming, -----	Luzerne, -----	D. & H., -----	30,398	200	6,892	37,490	161	139	-----	1	18,750	1,450	13,650
John Conlon	Luzerne, -----	D. & H., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
East Boston Coal Co.	East Boston, -----	D. L. & W., {L. V., Penna. D. & H., -----}	71,535	45,625	3,847	121,007	137	545	1	1	1,122	4,734	24,350
Glen Alden Coal Co.	Pettebone, -----	D. L. & W., -----	348,492	31,917	8,098	388,507	162	968	1	4	159,225	40,339	106,785
Haddock Mining Co.	Luzerne, -----	{L. V., & W., D. L. & W., -----}	90,904	11,800	8,928	111,632	151	368	1	1	15,625	10,500	29,400
Healey Coal Co.	Luzerne, -----	L. V., -----	10,562	450	303	11,315	120	98	-----	-----	9,000	850	-----
Hudson Coal Co.	Luzerne, -----	D. & H., -----	422,297	44,826	9,286	476,409	139	1,084	2	3	127,175	29,756	70,207
Pine Ridge, -----	Luzerne, -----	D. & H., -----	8,217	575	-----	8,792	139	639	1	2	198,925	26,142	109,482
Delaware, -----	Luzerne, -----	D. & H., -----	430,514	45,401	9,286	485,201	-----	-----	-----	-----	-----	-----	-----
Pine Ridge Washery, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	-----	-----	-----	-----	-----	-----	1,713	3	5	336,100	55,898
Lehigh Valley Coal Co.	Luzerne, -----	L. V., -----	249,947	46,894	6,671	303,412	155	812	3	3	109,875	167,275	3,925
Henry & Mineral Spring, -----	Luzerne, -----	L. V., -----	147,395	16,171	6,826	170,362	146	496	1	6	5,925	123,925	-----
Total, -----	-----	-----	397,212	63,065	13,497	473,774	-----	1,308	4	9	115,800	290,200	3,925

Included with Pine Ridge Colliery. *Coal prepared at Pine Ridge breaker. \$Coal prepared at Prospect breaker. \$Coal prepared at Pine Ridge breaker.

Louise, -----	Raub Coal Co.	Luzerne, -----	L. V., -----	38,486	1,200	9,599	49,285	110	207	-----	1,000	7,200	19,775
Traders Coal Co.	Bridgewood, -----	Luzerne, -----	N. Y. S. & W. {O. R. R. or N. J., -----}	86,918	600	770	88,288	145	401	1	47,500	7,300	30,000
Wilkes-Barre Colliery Co.	Madeira, -----	Luzerne, -----	D. & H., -----	95,413	1,306	1,983	98,706	151	395	-----	2	86,800	41,020
Grand total, -----				1,634,731	202,613	64,720	1,902,064	-----	6,376	13	241	831,959	461,308
													414,716

¹Disability 60 days or more.

ELEVENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployees	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Hillman Coal Co.													
Hillman, -----	Luzerne, -----	L. V., -----	23,822	5,400	849	30,071	71	296	1	6	28,750	3,110	1,500
Hudson Coal Co.													
Baltimore No. 5, -----	Luzerne, -----	D. & H., -----	340,650	57,429	22,185	420,273	135	1,631	5	21	147,525	7,575	153,978
Lehigh & Wilkes-Barre Coal Co.													
Hollenback No. 2, -----	Luzerne, -----	C. R. R. of N. J., -----	73,535	20,736	58,031	152,302	158	641	3	2	97,975	21,484	51,850
South Wilkes-Barre No. 5, -----	Luzerne, -----	C. R. R. of N. J., -----	150,534	23,574	58,124	202,552	157	823	-----	11	625	9,013	151,362
Stanton No. 7, -----	Luzerne, -----	C. R. R. of N. J., -----	367,703	26,067	20,053	423,823	160	1,342	2	8	180,000	19,824	164,375
Empire Washery, -----	Luzerne, -----	C. R. R. of N. J., -----	591,792	70,377	176,508	838,677	-----	2,866	5	21	278,000	50,321	307,587
Total, -----			615,095	74,203	184,943	874,241	-----	2,860	5	21	278,600	50,321	307,587
Lehigh Valley Coal Co.													
Dorrance, -----	Luzerne, -----	L. V., -----	230,734	38,730	45,735	315,199	152	800	4	14	132,525	113,075	-----
Prospect, -----	Luzerne, -----	L. V., -----	158,347	54,211	9,016	221,574	155	793	3	9	100,525	67,325	16,625
Total, -----			388,081	92,941	54,751	536,773	-----	1,602	7	23	234,050	180,400	16,625
Red Ash Coal Co.													
Red Ash No. 2, -----	Luzerne, -----	C. R. R. of N. J., -----	22,800	2,973	5,910	31,692	46	218	-----	2	750	1,300	3,400
Grand total, -----			1,391,460	232,946	208,638	1,863,050	-----	6,687	18	731	680,675	242,706	546,000

¹Disability 60 days or more.

TWELVE DISTRICT, 1922

Included with Woodward Colliery.
Included with Lora No. 5 Colliery.

* Includes with Lode No. 5 Colliery.
Furnishes power for Woodward Colliery.
Coal prepared at Black Diamond Colliery, 10th District.

TWELFTH DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Lehigh & Wilkes-Barre Coal Co.	Luzerne, N. J.	C. R. R. of N. J., C. R. R. of N. J., C. R. R. of N. J.,	236,659	26,024	18,426	301,109	160	868	1	10	226,975	4,854	48,448
Lance No. 11, -----	Luzerne, N. J.	C. R. R. of N. J.,	259,434	31,730	35,786	326,930	159	919	4	12	119,075	12,610	5,042
Nottingham No. 15, -----	Luzerne, N. J.	D. L. & W.,	516,003	57,764	54,212	628,069	-----	1,787	5	22	346,060	17,464	53,490
Nottingham Bank, -----	Luzerne, N. J.	D. L. & W.,	9,153	193	2,413	11,759	165	47	-----	-----	-----	50	1,500
Total, -----	Luzerne, N. J.	D. L. & W.,	2,005,429	150,396	133,198	2,389,022	-----	7,265	17	451	1,276,475	98,959	270,794
Grand total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹Disability 60 day or more.
x x Included with Nottingham No. 15 Colliery.

THIRTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds			
											Black powder	Dynamite	Permissible	
Glen Alden Coal Co.	Luzerne, -----	D. L. & W.,-----	742,642	46,142	6,530	795,320	154	1,970	6	10	145,175	55,175	405,900	
Truesdale, -----	Luzerne, -----	D. L. & W.,-----	421,655	15,795	5,884	443,334	155	1,023	2	1	20,725	9,800	290,950	
Looms, -----	Luzerne, -----	D. L. & W.,-----	138,309	21,960	3,626	163,930	157	513	-----	1	9,286	4,2525	-----	
Avondale, -----	Total, -----	Total, -----	1,302,606	88,932	16,046	1,402,584	-----	-----	3,515	8	12	165,900	74,271	739,375
George F. Lee Coal Co.	Luzerne, -----	D. L. & W.,-----	22,024	-----	921	22,945	94	185	1	1	600	7,512	-----	-----
Chamney, -----	Luzerne, -----	L. V., -----	163,665	27,925	6,473	198,063	144	630	3	-----	12,125	102,775	-----	-----
Lehigh Valley Coal Co.	Luzerne, -----	L. V., -----	52,618	8,444	674	61,756	155	196	-----	1	700	37,425	-----	-----
Franklin, -----	Total, -----	Total, -----	216,283	36,369	7,147	259,799	-----	-----	826	3	1	12,825	140,200	-----
Lehigh & Wilkes-Barre Coal Co.	Sugar Notch No. 9, -----	O. R. R. of N. J.,-----	260,987	12,329	3,905	277,221	161	860	7	5	1,900	11,160	147,107	-----
Maxwell No. 20, -----	Luzerne, -----	C. R. R. of N. J.,-----	271,315	20,045	19,023	310,333	160	1,025	4	10	31,225	10,966	155,450	-----
Buttonwood No. 22, -----	Luzerne, -----	O. R. R. of N. J.,-----	161,920	26,164	2,636	190,729	154	580	-----	2	-----	1,923	127,575	-----
Total, -----	Total, -----	Total, -----	694,231	58,538	25,564	778,333	-----	2,465	11	17	33,025	24,068	430,132	-----
Pittston Coal Mining Co., Hadleigh, -----	Luzerne, -----	C. R. R. of N. J.,-----	70,606	12,450	826	\$3,882	161	280	1	1	-----	20,000	-----	-----
West Nanticoke Coal Co.	West Nanticoke, -----	Penna., -----	45,083	930	-----	46,013	126	156	-----	-----	4,950	7,030	1,100	-----
Grand total, -----	2,350,833	192,219	50,594	2,508,556	-----	7,427	24	321	217,300	273,071	1,170,607	-----	-----	-----

*Coal prepared at Prospect breaker, 11th District.

†Disability 60 days or more.

FOURTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production gross (tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Alden Coal Co.													
Alden, -----	C. R. R. of N. J., C. R. R. of N. J., -----	153,636	9,476	6,548	169,000	139	696	2	5	68,675	-----	35,483	
Alden Washery, -----	-----	58,679	-----	143	58,822	139	28	-----	-----	-----	-----	-----	
Total, -----	-----	211,715	9,476	6,691	227,822	-----	724	2	5	68,675	-----	35,483	
East Alden Mining Co.													
East Alden, -----	L. V., -----	19,919	114	-----	20,033	100	62	-----	-----	300	8,550	-----	
Glen Alden Coal Co.													
Auchincloss, §	D. L. & W., D. L. & W., -----	182,657	6,478	5,133	189,135	151	410	3	1	40,575	900	106,350	
Bliss, -----	-----	331,862	37,768	374,763	158	894	1	5	-----	21,864	143,975		
Total, -----	-----	514,519	44,246	5,133	563,806	-----	1,304	4	6	40,575	22,764	250,325	
Lehigh & Wilkes-Barre Coal Co.													
Wanamie No. 18, -----	C. R. R. of N. J., C. R. R. of N. J., -----	373,729	14,364	5,271	393,364	156	1,065	2	2	14,775	32,420	172,021	
Wanamie Washery, -----	-----	104,999	#21,929	-----	126,928	168	73	-----	-----	-----	-----	-----	
Total, -----	-----	478,728	36,293	5,271	520,292	-----	1,138	2	2	14,775	32,420	172,021	
Nanticoke Valley Coal Co. No. 5 Washery, -----	Penna., -----	30,034	-----	-----	30,034	72	84	-----	-----	-----	-----	-----	
Luzerne, -----	D. L. & W., -----	47,499	920	1,110	49,529	151	293	1	-----	1,600	17,375	15,325	

8Coal prepared at Loomis Breaker, 13th District.
#Used for steam and heat at Wanamie No. 18 Colliery.

Susquehanna Coalfields Co	Luzerne, -----	Penna., -----	353,225	25,724	4,742	383,459	151	1,264	2	30,775	80,345	42,505	
Number 6, -----	Luzerne, -----	Penna., -----	386,963	29,008	28,001	443,972	151	2,004	3	14	180,850	25,571	107,177
Number 7, -----	Luzerne, -----	Penna., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Nanticoke Washery, -----	Luzerne, -----	Penna., -----	740,188	54,732	32,743	827,063	5	16	229,425	105,916	149,682	-----	-----
-----	-----	-----	61,898	62,659	-----	124,557	186	577	-----	1	-----	-----	-----
Total, -----	-----	-----	802,080	117,391	32,743	952,220	-----	3,325	5	17	229,425	105,916	149,682
West End Coal Co.	Luzerne, -----	Penna. & C. R. R. of N. J., -----	318,290	11,555	9,232	339,047	143	1,057	1	1	4,775	20,000	80,650
-----	-----	-----	2,422,760	219,905	60,180	2,702,935	-----	7,917	15	31	359,825	207,775	712,036
Grand total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹Disability 60 days or more.

FIFTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Explosives used—pounds			
									Fatal non-fatal accidents	Black powder	Dynamite	Permissible
Coxe Brothers & Co., Inc. Driftton Nos. 1, 2, 9, 10, --	Luzerne, -----	L. V., -----	141,688	52,176	12,898	207,762	154	664	4	2,275	92,832	-----
Eckley & Buck Mountain,* -----	Luzerne, -----	L. V., -----	170,792	12,492	3,712	186,996	158	380	1	1	51,503	-----
Derlinger, Gowan & Tomlichken,* -----	Luzerne, -----	L. V., -----	185,340	1,280	3,381	190,001	154	722	1	-----	137,897	-----
Total, -----	-----	-----	497,820	66,948	19,991	584,759	-----	1,766	2	5	2,275	282,142
East Point Coal Co. Pond Creek, -----	Luzerne, -----	C. R. R. of N. J., -----	13,400	61	211	13,672	98	104	-----	-----	2,245	6,130
Jeddo-Highland Coal Co. Highland No. 2, -----	Luzerne, -----	L. V., -----	80,457	30,454	6,793	117,794	138	440	1	2	50,479	-----
Highland No. 5, -----	Luzerne, -----	L. V., -----	217,915	20,321	546	238,782	146	532	-----	2	107,431	-----
Jeddo No. 4, -----	Luzerne, -----	L. V., -----	266,544	32,753	8,167	307,464	160	1,015	-----	13	207,475	-----
Jeddo No. 7, -----	Luzerne, -----	L. V., -----	146,852	9,091	12,743	168,699	140	308	-----	1	55,575	-----
Total, -----	-----	-----	711,768	92,619	28,249	832,636	-----	2,295	1	18	-----	420,963
M. S. Kemmerer & Co. Sandy Run, -----	Luzerne, -----	C. R. R. of N. J., -----	42,034	961	1,217	44,212	166	162	-----	1	-----	404
Lehigh Valley Coal Co. Hazleton No. 1, -----	Luzerne, -----	L. V., -----	112,406	10,854	47,667	170,927	145	458	4	2	61,029	-----
Hazleton Shaft, -----	Luzerne, -----	L. V., -----	152,666	34,254	4,901	191,821	151	895	1	2	123,195	-----
Total, -----	-----	-----	285,072	45,108	52,568	362,748	-----	1,283	5	4	-----	184,224

*Coal prepared at Driftton and Hazleton Shaft breakers.

#Coal prepared at Hazleton Shaft breaker.

Pardee Brothers & Co., Inc. Latimer, -----		Luzerne, -----	L. V., -----	C. R. R. of N. J., -----	301,845	38,373	13,457	353,675	156	1,028	5	229,200
Wentz Co.		Luzerne, -----	Luzerne, -----	84,882	7,126	1,176	38,183	167	282	3	-----	62,298
Upper Lehigh, -----		Luzerne, -----	L. V., -----	43,931	10,792	320	55,063	68	189	2	1	11,975
J. S. Wentz Co.		Luzerne, -----	L. V., -----	21,768	-----	-----	21,758	156	91	-----	-----	18,400
Hazel Brook, -----		Luzerne, -----	L. V., -----	261,987	117,199	2,361,696	-----	7,200	10	371	2,275	1,211,761
Wolf Collieries Co.		Grand total, -----	-----	1,982,510	-----	-----	-----	-----	-----	-----	-----	20,813

^xCoal prepared at Driftton Colliery.

¹Disability 60 days or more.

SIXTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Beaver Valley Coal Co., Scotch Valley, -----	Columbia, -----	Penna., -----	35,426	2,680	235	38,341	145	150	-----	2	10,500	8,925	4,475
Campion Coal Co., Silver Brook Washery, -----	Schuylkill, -----	P. & R., -----	6,295	-----	-----	6,245	54	25	-----	1	-----	-----	-----
Candemus Collieries Co., Candemus Washery, -----	Schuylkill, -----	P. & R., -----	16,469	-----	-----	16,409	86	46	-----	-----	-----	-----	-----
Coxe Brothers & Co., Inc., Beaver Meadow, -----	Carbon, -----	L. V., -----	132,862	14,119	6,673	153,654	454	1	4	-----	85,472	77,213	-----
Ornada, X -----	Schuylkill, -----	L. V., -----	129,713	11,882	1,006	142,601	148	542	2	-----	-----	-----	-----
Total, -----	-----	-----	262,575	26,001	7,739	266,315	-----	996	1	6	-----	162,685	-----
Cranberry Creek Coal Co., Cranberry, -----	Luzerne, -----	L. V., -----	355,987	24,297	130,184	490,468	148	1,202	1	9	-----	18,475	155,753
Charles M. Dodson & Co., Beaver Brook, -----	Luzerne, -----	{L. V. C. R. (R. of N. J., --)}	170,485	2,384	3,486	176,355	169	504	-----	3	12,700	63,875	-----
Evans Colliery Co., Evans, -----	Carbon, -----		45,491	600	857	46,948	134	180	-----	-----	-----	3,250	27,425
Harwood Coal Co., Harwood, -----	Luzerne, -----	L. V., -----	54,441	-----	21,725	76,166	150	392	-----	1	-----	-----	32,125
Lehigh & Wilkes-Barre Coal Co., Audenried No. 4, -----	Schuylkill, -----	C. R. R. of N. J., -----	110,945	41,733	5,246	157,984	1,156	598	-----	2	116	81,750	500
Carbon, -----	Schuylkill, -----	C. R. R. of N. J., -----	75,252	-----	-----	75,252	1	138	-----	4	50	40,877	250
Honey Brook No. 5, -----	Schuylkill, -----	C. R. R. of N. J., -----	180,197	41,733	5,246	223,296	-----	730	-----	6	175	122,627	840
Total, -----	-----	-----	236,688	59,128	5,246	391,072	-----	1,822	13	11,800	187,727	810	-----

Lehigh Valley Coal Co.	Luzerne, Carbon,	L. V., Carbon,	60,847 31,923	23,697 4,348	4,700	98,244 36,271	141 141	484 198	4 2	35,225 16,153
Spring Mountain, Spring Brook, x	Carbon, Carbon,	L. V., L. V.,	101,770 1,922	28,046 1,922	4,700	134,515 1,922	13 #	682 682	6	51,378
Spring Brook Washery	Carbon, Carbon,	L. V., L. V.,	103,692	28,045	4,700	136,437	-----	682 682	6	51,378
Total, -----	-----	-----	66,429	60,592	2,061	129,082	167	385	4	35,500
Estate A. S. Van Wickle Coleraine, -----	Carbon, Carbon,	L. V., C. R. R. of N. J., P. & R., -----	203,727	176,233	1,863,948	-----	5,784	2	451	35,000
Grand total, -----	-----	-----	1,423,088	-----	-----	-----	-----	-----	-----	531,815

x Coal prepared at Spring Mountain Colliery.

Employers included with Spring Brook.

¹Disability 60 days or more.

SEVENTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployees	Fatal acc. idents	Serious non- fatal acc. idents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Lehigh Coal & Navigation													
Nesquehoning, -----	Carbon, -----	L. & N. E. {O. R. R. of N. J. -----	419,222	9,236	10,564	439,022	166	1,354	4	14	28,595	185,151	58,153
Lansford, -----	Carbon, -----	L. & N. E., -----	467,591	58,711	16,587	542,889	163	1,716	1	18	-----	372,603	41,248
Coaldale, -----	Carbon, -----	L. & N. E., -----	164,606	21,833	8,008	194,527	668	-----	6	6	10,000	114,192	31,256
Greenwood, -----	Schuylkill, -----	L. & N. E., -----	185,686	24,642	9,031	219,300	156	753	1	7	11,675	120,000	36,650
Rahn, -----	Schuylkill, -----	L. & N. E., -----	232,917	32,143	89	265,149	159	813	1	7	-----	86,250	1,350
	Schuylkill, -----	L. & N. E., -----	262,688	7,423	6,665	276,576	162	806	3	9	-----	137,156	23,970
			1,732,670	154,009	50,844	1,937,523	-----	6,109	10	61	50,270	1,014,361	192,027
			102,173	948	3,762	106,882	141	86	-----	-----	-----	7,000	-----
			48,753	6,052	2,507	57,312	91	111	-----	1	-----	4,468	-----
			150,926	7,000	6,269	164,195	-----	197	-----	1	-----	-----	11,468
			1,883,596	161,009	57,113	2,101,718	-----	6,306	10	624	50,270	1,014,361	203,495

*Disability 60 days or more.

EIGHTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Alliance Coal Mining Co.	Schuylkill, -----	P. & R., -----	136,670	8,475	1,138	146,283	161	689	-----	4	-----	36,502	58,140
Alliance, -----	Bergen, -----	Truck to P. & R., -----	6,922	750	3,621	11,293	153	41	-----	-----	-----	-----	3,000
Bergen Coal Co.	Schuylkill, -----	P. & R., -----	29,020	2,000	1,749	32,709	168	100	-----	-----	-----	-----	10,000
Gorman & Oampion Coal Co.	Schuylkill, -----	P. & R., -----	-----	-----	-----	-----	-----	9	-----	-----	-----	-----	-----
Bell, -----	Schuylkill, -----	P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hudson Coal Co.	Schuylkill, -----	P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Millford Drift, * Navigation Co.	Schuylkill, -----	L. & N. E., -----	213,030	34,727	3,646	251,403	162	777	7	7	145,136	28,325	-----
Tamaqua, -----	Schuylkill, -----	L. & N. E., -----	6,619	18	188	6,825	34	13	-----	-----	-----	-----	-----
Arlington Washery, -----	Schuylkill, -----	L. V., -----	219,649	34,745	3,834	258,228	133	790	7	7	145,136	28,925	-----
Total, -----	Schuylkill, -----	P. & R. of N. J.	194,697	36,155	1,657	231,909	157	700	5	5	21,682	135,675	-----
Lehigh Valley Coal Co.	Schuylkill, -----	P. & R. of N. J.	133,324	34,477	7,034	174,835	160	428	1	7	-----	-----	76,720
Buck Mountain, -----	Schuylkill, -----	P. & R. of N. J.	112,107	2,160	1,001	115,277	168	393	1	1	-----	-----	58,014
Maryd Coal Co.	Schuylkill, -----	P. & R. of N. J.	29,052	135	-----	29,158	168	110	1	1	-----	-----	18,563
Mill Creek Coal Co.	Schuylkill, -----	P. & R. of N. J.	27,818	2,789	-----	30,607	166	118	1	1	-----	-----	26,763
Morea, -----	Schuylkill, -----	P. & R. of N. J.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Middle Lehigh, -----	Schuylkill, -----	P. & R. of N. J.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Wolf Creek, -----	Schuylkill, -----	P. & R. of N. J.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	Schuylkill, -----	P. & R. of N. J.	168,978	5,098	1,061	175,072	133	621	1	1	1	1	103,370

*Not producing; old mine reopened in 1921.

EIGHTEENTH DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em. employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Philadelphia & Reading Coal & Iron Co.													
Silver Creek, -----	P. & R., -----	299,875	46,222	5,332	351,429	162	915		10		171,602		25
Eagle Hill, -----	P. & R., -----	160,608	48,335	8,644	217,587	160	787		9		70,760		54,765
Wadsworth, -----	P. & R., -----	146,217	50,849	16,273	222,339	161	836		1		28,828		63,552
Reevesdale, -----	P. & R., -----	112,802	5,376	5	118,183	122	232		1		8,926		5,046
Pine Forest, -----	P. & R., -----	52,138	2,978	6	55,122	81	138		2		960		3,150
Schuykill Washery, -----	P. & R., -----	771,640	162,760	30,260	964,660	-----	2,908	2	22		281,076		126,540
Total, -----		47,637	1,437	-----	49,094	70	67					175	
St. Clair Coal Co.													
Schuykill, -----	P. & R., -----	233,862	14,000	7,884	235,696	218	652	2	5		5,650		103,664
Schuykill Valley Coal Co. Progressive, -----	P. & R., -----	25,144	3,360	3,098	31,602	168	95						
Thouron Coal Co.													
Schuykill Washery, -----	P. & R., -----	27,423	320	-----	27,743	139	16						
Grand total, -----		1,594,386	303,572	61,226	2,359,184	-----	7,018	11	561		5,675		440,150

^aDisability 60 days or more.

NINETEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Black Heath Coal Co.	Schuylkill, -----	Truck, -----	5,706	255	94	6,055	153	21	1	-----	-----	4,275	
Black Heath, -----	Schuylkill, -----	P. & R., -----	159,234	31,025	2,095	192,354	164	545	2	7	-----	39,688	57,460
Buck Run Coal Co.	Schuylkill, -----	P. & R., -----	9,468	1,500	32	10,700	158	40	-----	-----	-----	325	1,030
Buck Run, -----	Schuylkill, -----	P. & R., -----	-----	14,053	250	14,203	95	40	-----	-----	-----	-----	-----
Butcher Creek Coal Co.	Schuylkill, -----	P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Laurel Run, -----	Schuylkill, -----	P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Culkin Fuel Co., Inc.	Schuylkill, -----	P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Wolf Creek Washery, -----	Schuylkill, -----	P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gardner Coal Co.	Schuylkill, -----	Penna. & P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Wolf Creek Washery, -----	Schuylkill, -----	Penna. & P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Lytte Coal Co.	Schuylkill, -----	Penna. & P. & R., -----	146,308	44,679	4,032	195,038	149	676	1	7	-----	21,291	66,038
Lytte, -----	Schuylkill, -----	Penna. & P. & R., -----	50,362	795	-----	21,057	67	37	-----	-----	-----	-----	-----
Lytte Washery, -----	Schuylkill, -----	Penna. & P. & R., -----	166,570	45,473	4,052	216,095	-----	713	1	7	-----	21,291	66,038
Total, -----	Schuylkill, -----	P. & R., -----	108,046	50,601	1,903	160,550	161	626	-----	-----	-----	75	20,953
Otto. Coal & Iron Co.	Schuylkill, -----	P. & R., -----	17,531	45,570	15,208	17,531	161	78	2	2	-----	-----	30,104
John Veith, x	Schuylkill, -----	P. & R., -----	112,925	108,984	17,174	173,703	161	502	1	7	-----	-----	6,275
Pine Knot, -----	Schuylkill, -----	P. & R., -----	-----	-----	-----	126,158	161	326	-----	-----	-----	-----	51,800
Glenclower, #	Schuylkill, -----	P. & R., -----	-----	-----	14,216	14,216	161	186	1	2	-----	-----	42,904
Thomaston, #	Schuylkill, -----	P. & R., -----	117,187	34,216	1,408	133,291	160	512	4	4	-----	-----	61,941
Phoenix Park, -----	Schuylkill, -----	P. & R., -----	405,123	161,777	2,324	645,419	24,271	2,240	6	31	75	138,653	4,635
Anchor Washery, -----	Schuylkill, -----	P. & R., -----	21,947	-----	-----	-----	74	81	-----	-----	-----	1,183	156,697
Total, -----	Schuylkill, -----	P. & R., -----	487,070	164,101	18,519	630,620	-----	2,321	6	31	75	139,739	156,697

*Coal prepared at Otto Colliery.

*Coal prepared at Pine Knot Colliery.

NINETEENTH DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Pine Hill Coal Co.													
Pine Hill, -----	Schuylkill, -----	Penn., -----	177,079	39,150	1,451	217,680	157	718	2	6	22,165	61,804	
Oak Hill, -----	Schuylkill, -----	Penn., -----	77,208	3,680	108	80,966	80	470	1	4	4,196	25,630	
Total, -----			254,287	42,830	1,559	298,676	-----	1,188	3	10	-----	26,361	87,454
Reppiller Coal Co.													
New Castle, -----	Schuylkill, -----	Penn., -----	100,020	18,000	961	118,971	161	366	1	1	-----	23,464	7,510
Sherman Coal Corp.													
Sherman, -----	Schuylkill, -----	Truck, -----	18,563	-----	-----	20,000	38,563	249	62	-----	-----	11,352	11,352
York Farm Coal Co.													
York Farm Washer, -----	Schuylkill, -----	L. V., -----	93,467	52	10,688	104,207	285	34	-----	-----	50	-----	-----
Grand total, -----			1,347,157	303,503	57,950	1,708,650	-----	5,370	14	564	75	262,270	392,345

¹Disability 60 days or more.

TWENTIETH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
P. & R. Coal & Iron Co.													
Tunnel Ridge, -----													
Schuykill, -----	P. & R., -----	141,461	43,263	95	184,819	163	648	1	10		120,636		1,127
Schuykill, -----	P. & R., -----	177,662	30,006	26,387	234,957	166	696	2	9		85,355		
Schuykill, -----	P. & R., -----	144,606	40,006	4,413	189,025	159	655	1	9		78,949		
Schuykill, -----	P. & R., -----	59,637	24,948	-----	83,985	162	322	1	5		53,347		
North Mahanoy, -----	P. & R., -----	182,541	20,584	1,360	213,504	162	815	1	21		72,304		
Boston Run, -----	P. & R., -----	78,931	16,335	-----	95,266	162	313	1	1		42,762		4,373
Ellington, -----	P. & R., -----	89,466	38,456	1,614	120,566	164	514	2	8		24,808		
Knickerbocker, #	P. & R., -----	132,887	10,152	-----	143,029	164	428	4	4		60,379		
Saint Nicholas, -----	P. & R., -----	173,380	42,609	17	216,068	165	816	1	10		31,716		32,200
Suffolk, #*	P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Maple Hill, -----	P. & R., -----	1,171,571	275,671	33,925	1,481,167	5,227	10	77	100	570,455	37,690		
Kleckerhocker, #	P. & R., -----	64,401	-----	257	61,658	127	19	-----	-----	-----	-----	-----	-----
North Mahanoy, -----	P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----		1,235,972	275,671	34,182	1,545,825	5,246	10	77	100	570,455	37,690		
Lehigh Valley Coal Co.													
Park, -----	L. V., -----	230,975	41,987	5,366	278,328	157	891	4	1	25	63,430	92,018	
Springdale Washery, -----	L. V., -----	8,729	202	-----	8,922	19	44	-----	-----	-----	-----	-----	-----
Total, -----		239,695	42,190	5,366	287,250	135	935	4	1	25	63,430	92,018	
Grand total, -----		1,475,667	317,800	39,548	1,833,075	6,181	14	781	125	633,885	129,708		

*Idle.

Coal prepared at Ellington Colliery.

** Coal prepared at Saint Nicholas Colliery.

†Disability 60 days or more.

TWENTY-FIRST DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Explosives used—pounds		
										Black powder	Dynamite	Permissible
Lehigh Valley Coal Co.												
Packer No. 4, -----	Schuylkill, -----	L. V., -----	368,027	39,031	2,084	349,092	156	883	7			122,526
Packer No. 5, -----	Schuylkill, -----	L. V., -----	270,173	30,871	2,806	303,853	154	724	7			144,849
Total, -----			578,200	69,902	4,843	632,945		1,607	2			207,565
Locust Mountain Coal Co.												
Weston, -----	Schuylkill, -----	L. V., -----	433,502	7,159	5,175	445,836	168	877	4	6	31,850	262,013
P. & R. Coal & Iron Co.												
Hammond, -----	Schuylkill, -----	P. & R., -----	141,022	56,183	5,997	202,202	165	660				
Indian Ridge, #	Schuylkill, -----	P. & R., -----	91,721	19,889		111,610	163	430				39,872
West Shenandoah,	Schuylkill, -----	P. & R., -----					163	529	1	4		26,380
Kohinoor, -----	Schuylkill, -----	P. & R., -----					163	196		3		7,525
Turkey Run, -----	Schuylkill, -----	P. & R., -----					163	505	3	12		18,538
Shenandoah City, -----	Schuylkill, -----	P. & R., -----					163	671	1	9		55,840
Plank Ridge Washery, -----	Schuylkill, -----	P. & R., -----					163	671				48,166
Total, -----												202,717
Raven Run Coal Co.												52,399
Raven Run, -----	Schuylkill, -----	P. & R., -----	162,235	2,725	610	105,600	164	268	3	1	3,850	203,117
Susquehanna Collieries Co.												203,117
William Penn, -----	Schuylkill, -----	Penna., -----	118,935	24,274	1,635	144,744	150	482		3		22,041
Thomas Colliery Co.												20,691
Fehley Run, -----	Schuylkill, -----	P. & R., -----	150,430	1,482	842	158,754	164	428				
Black Creek Washery No. 1,	Schuylkill, -----	P. & R., -----	159,012	3,963	331	163,376	180		2			13,945
Black Creek Washery No. 2,	Schuylkill, -----	P. & R., -----	29,537	375		29,912	164	43				3,444
Total, -----												1,161
Grand total, -----			2,215,871	296,142	57,469	2,539,483		6,932	14	71	25,700	584,640

1 Disability 60 days or more.

#Coal prepared at Shenandoah City Colliery.

TWENTY-SECOND DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em-ployees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds	
											Black powder	Dynamite
East Bear Ridge Colliery Co.	Schuylkill, P. & R.,	154,360	7,290	3,885	165,395	165	450	301	1	67,820	67,820	11,342
East Bear Ridge, Girardville Mining Co.	Schuylkill, P. & R.,	55,881	20,487	-----	76,368	147	301	-----	1	36,647	36,647	5,400
Hazle-H-Brookwood Coal Co.	Schuylkill, P. & R., {Penna., -----}	217,151	16,850	-----	234,001	169	762	1	3	125,225	125,225	11,342
Lawrence, Laurel Coal Mining Co.	Schuylkill, P. & R.,	18,948	215	-----	19,163	151	63	-----	-----	15,400	15,400	1,000
Lawrence, Laurel Coal Mining Co.	L. V., -----	188,586	45,071	7,160	237,817	153	840	2	6	168,701	168,701	174,125
Sayre, Centralia, -----	L. V., -----	162,182	24,230	3,987	190,889	120	803	1	4	162,182	162,182	174,125
High Valley Coal Co.	Columbia, -----	347,768	60,301	11,147	428,216	-----	1,643	3	10	342,826	342,826	342,826
Continenta Washery Total, -----	Columbia, -----	36,371	997	449	37,817	63	30	-----	-----	342,826	342,826	342,826
Midvalley Coal Co.	L. V., -----	384,139	70,298	11,596	406,023	-----	1,673	3	10	342,826	342,826	342,826
P. & R. Coal & Iron Co.	Columbia, -----	111,131	30,487	5,500	147,118	158	433	-----	2	74,125	74,125	14,630
Port, Basin, Gilberton, Drifter, Bancroft, Total, -----	Columbia, P. & R., -----	177,622	55,493	10,989	244,104	164	813	-----	20	44,065	44,065	74,663
	Schuylkill, P. & R., -----	150,986	45,666	12,649	209,151	167	697	-----	11	97,989	97,989	17,600
	Schuylkill, P. & R., -----	106,146	57,318	7,627	171,121	162	616	-----	9	88,296	88,296	160
	Schuylkill, P. & R., -----	77,101	20,385	-----	97,486	155	448	-----	2	78,105	78,105	160
	Schuylkill, P. & R., -----	73,137	5,258	10	78,805	99	217	1	2	5,550	5,550	21,983
		585,072	184,429	31,175	870,667	-----	2,791	3	44	5,550	5,550	92,233

TWENTY-SECOND DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Explosives used—pounds			
										Serious non-fatal accidents	Black powder	Dynamite	Permissible
Reppiller Coal Co.													
Locust Run Washery, -----	Columbia, -----	P. & R., -----	90,254	77		90,331	176	45					
Locust Dale Washery, -----	Columbia, -----	P. & R., -----	53,788	210	91	54,089	153	45					
Total, -----			144,042	287	91	144,420	90						
Grand total, -----			1,670,724	330,244	52,197	2,053,165	6,566	7	60 ¹	5,550	992,521	124,745	

¹Disability 60 days or more.

TWENTY-THIRD DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployees	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Colonial Colliery Co. Natalie, -----	Northumberland, -	P. & R., -----	210,384	14,065	1,318	225,767	163	665	1	-----	147,365	-----	-----
Excelsior Coal Co. Corbin, -----	Northumberland, -	P. & R., -----	114,500	5,000	500	120,000	151	278	1	-----	15,675	-----	26,925
Greenough Red Ash Coal Co. Greenough, -----	Northumberland, -	Penna., -----	121,106	16,022	2,741	139,929	166	515	-----	-----	89,126	47,230	-----
P. & R. Coal & Iron Co. Alaska, ----- Locust Gap, ----- Reliance, -----	Northumberland, -	P. & R., -----	204,739	32,335	182	237,256	164	807	1	15	149,912	4,750	17,687
	Northumberland, -	P. & R., -----	266,109	88,438	2,371	353,978	100	1,180	3	13	203,875	84,460	56,588
	Northumberland, -	P. & R., -----	136,406	35,866	34,469	206,741	155	620	1	5	-----	-----	-----
Total, -----	-----	-----	607,314	153,699	37,022	797,975	-----	2,607	5	33	438,247	485,672	485,630
Shamokin Red Ash Coal Co. Evans Washer, -----	Northumberland, -	Penna., -----	50,735	3,290	-----	53,935	139	51	-----	-----	79,025	-----	-----
Susquehanna Collieries Co. Pennsylvania, ----- Richards, ----- Scott, -----	Northumberland, -	Penna., -----	176,089	44,307	6,755	227,151	151	878	1	8	27,070	128,925	125,725
	Northumberland, -	Penna., -----	136,104	42,001	23	178,128	150	808	4	4	42,249	38,025	78,000
	Northumberland, -	Penna., -----	171,308	45,135	5,579	222,022	149	724	2	5	-----	-----	-----
Hickory Ridge Washery	Northumberland, -	Penna., -----	483,501	131,443	12,357	627,301	-----	2,410	3	17	107,944	332,650	-----
Total, -----	-----	-----	61,364	3,865	-----	63,259	153	42	-----	-----	-----	-----	-----
Grand total, -----	-----	-----	544,805	136,338	12,357	692,500	-----	2,452	3	17	107,944	332,650	-----
			1,648,904	327,204	53,938	2,030,166	-----	6,628	10	50 ¹	15,675	782,672	-----

1Disability 60 days or more.

TWENTY-FOURTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Buck Ridge Coal Mining Co.													
Buck Ridge, -	Northumberland, -	Penna. P. & R.	69,046	30,000	3,480	102,526	157			1		40,850	
Enterprise Coal Co.	Northumberland, -	P. & R., -----	110,326	52,555	824	163,705	154	527	1	2	27,575	8,772	92,971
P. & R. Coal & Iron Co.	Northumberland, -	P. & R., -----	218,329	30,176	7,565	256,070	159	794	1	8			
Bear Valley, -----	Northumberland, -	P. & R., -----	185,619	31,563	5,622	222,804	160	766		15			
Burnside, -----	Northumberland, -	P. & R., -----	185,877	49,619	21,569	257,045	160	941		9			
Stirling, -----	Northumberland, -	P. & R., -----	123,278	49,651	36,926	209,935	158	802		8			
Henry Clay, -----	Northumberland, -	P. & R., -----	713,203	161,000	71,682	945,894	155	802		7			
Total, -----										2	50	25,025	578,180
Shipman Koal Co.	Northumberland, -	Penna., -----	76,472	19,200	759	96,431	147	428	2	1			
Glenbrook, -----												17,900	31,250
Superior Anthracite Coal Co.	Northumberland, -	P. & R., -----	700	350		1,050	82	37			250	175	100
Slope Mountain, -----													
Susquehanna Collieries Co.	Northumberland, -	Penna., -----	131,582	15,913	3,919	151,414	150	650	2	10	75	29,270	55,750
Cameron, -----	Northumberland, -	Penna., -----	168,976	21,904	5,211	196,091	152	685		5	25	49,328	55,751
Lake Fidler, -----	Northumberland, -	Penna., -----	300,558	37,817	9,130	347,505	155	1,335	2	15	100	78,508	111,501
Total, -----													
Trevorton Colliery Co.	Northumberland, -	P. & R., -----	75,896	7,981	667	84,544	133	211	1			9,155	30,950
Katherine, -----													
Grand total, -----			1,346,201	308,912	86,542	1,741,655	155	6,217	8	601	52,550	733,630	315,652

1 Disability 60 days or more.

TWENTY-FIRST DISTRICT, 1922

✓ Washery did not operate; loaded stored coal
* Coal prepared at Good Spring Colliery.

Coal prepared at Brookside Colliery.

¹Disability 60 days or more.

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Inspection Districts 1921-1922

1st District, Benjamin Maxey*,	Inspector, Forest City	26-63
2nd District, P. J. Moore,	Inspector, Carbondale,	28-65
3rd District, L. M. Evans,	Inspector, Scranton,	30-67
4th District, Jenkin T. Reese,	Inspector, Scranton,	31-68
5th District, S. J. Phillips,	Inspector, Scranton,	33-69
6th District, D. T. Williams,	Inspector, Scranton,	34-70
7th District, Augustus McDade,	Inspector, Taylor,	36-72
8th District, Robert Johnson,	Inspector, Pittston,	37-73
9th District, Edwin C. Curtis,	Inspector, Kingston	38-74
10th District, John B. Corgan,	Inspector, Kingston	40-76
11th District, Thomas J. Williams,	Inspector, Wilkes Barre	42-78
12th District, D. T. Davis,	Inspector, Wilkes Barre	43-79
13th District, Frank Kettle,	Inspector, Wilkes Barre	44-81
14th District, Joseph J. Walsh,	Inspector, Nanticoke	45-82
15th District, David J. Roderick,	Inspector, Hazleton	46-84
16th District, J. J. Stickler,	Inspector, Hazleton	48-86
17th District, Isaac M. Davies,	Inspector, Lansford	50-88
18th District, Evan G. Evans,	Inspector, Coaldale	51-89
19th District, Michael J. Brennan,	Inspector, Pottsville	53-91
20th District, P. C. Fenton,	Inspector, Mahanoy City ..	55-93
21st District, A. B. Lamb,	Inspector, Shenandoah	56-94
22nd District, Wm. Reid,	Inspector, Centralia	58-95
23rd District, B. I. Evans,	Inspector, Mt. Carmel	60-97
24th District, P. J. Friel,	Inspector, Shamokin	61-98
25th District, Charles J. Price,	Inspector, Lykens	62-99

*Died September 14, 1922.

Operators and Addresses

Operator	Address of Gen. Supt.	Page
Acker & Others, Warren T.	Seranton	67
Alden Coal Co.	Alden Station	45-82
Alliance Coal Mining Co.	Lansford	51-89
Amerman Coal Co.	Seranton	65
Archbald Coal Co.	Seranton	28-65
Bald Mountain Coal Co.	Peckville	34-70
Barton Coal Co.	Seranton	26-63
Beaver Valley Coal Co.	Wilkes-Barre	48-86
Bergen Coal Co.	Pottsville	51-89
Black Diamond Fuel Co.	Seranton	33-69
Black Heath Coal Co.	Minersville	53-91
Blakely Red Ash Coal Co.	Peckville	63
Boland Coal Co., John J.	Dunmore	34-70
Bright Coal Co.	Seranton	23
Buck Ridge Coal Mining Co.	Shamokin	61-98
Buck Run Coal Co.	Minersville	53-91
Butcher Creek Co.	St. Clair	53
Butcher Creek Coal Co.	St. Clair	91
Cambridge Coal Co.	Pottsville	56
Campion Coal Co.	Mahanoy City	48-86
Candlemas Collieries Co.	Hazleton	86
Carbondale Coal Mining Co.	Carbondale	26-63
Carney & Brown Coal Co.	Dunmore	34-70
Central Coal Co.	Wilkes-Barre	40-76
Clifford Coal Co.	Forest City	63
Colonial Colliery Co.	Frackville	60-97
Conlen, John	Hudson	40-76
Connell Anthracite Coal Co.	Seranton	63
Cornell Anthracite Mining Co.	Seranton	26
Coxe Brothers & Co., Inc.	Wilkes-Barre	46-48-84-86
Cranberry Creek Coal Co.	Lansford	48-86
Cullen Fuel Co., Inc.	Plymouth	79-91
Darkwater Coal Co.	Minersville	53
Decker Coal Co., H. P.	Seranton	67
Dennington Coal Co.	Seranton	72
Dodson & Co., Charles M.	Shenandoah	48-86
East Alden Mining Co.	Seranton	45-82
East Bear Ridge Colliery Co.	Seranton	58-95
East Boston Coal Co.	Kingston	40-76
East Lehigh Coal Co.	Tamaqua	51
East Point Coal Co.	Freeland	46-84
Eclipse Coal Co.	Peckville	29
Enterprise Coal Co.	Seranton	60-98
Evans Colliery Co.	Luzerne	48-86
Excelsior Coal Co.	Shamokin	60-97
Fireside Coal Co.	Seranton	29
Gardner Coal Co.	Pottsville	53-91
Gibbons Coal Co., John	Seranton	33-69

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Girardville Mining Co.	Hazleton	59-95
Glen Alden Coal Co.	Scranton ..30-31-33-34-36-40-43-44-45 67-68-69-70-72-76-79-81-82	
Gorman & Campion Coal Co.	Silver Creek	51-89
Greenough Red Ash Coal Co.	Frackville	60-97
Green Ridge Coal Co.	Scranton	31-68
Grove Hill Coal Co.	Peckville	26-63
Haddock Mining Co.	Luzerne	40-76
Harleigh-Brookwood Coal Co.	Frackville	58-95
Harris-Denly Coal Co.	Forty Fort	38-74
Harwood Coal Co.	Hazleton	48-83
Healey Coal Co.	Plains ..39-40-74-76	
Hillman Coal Co.	Wilkes-Barre	42-78
Hillside Coal & Iron Co.	Dunmore ..26-28-36-37-63-65-72-73	
Hillside Coal & Supply Co.	Simpson	63
Hudson Coal Co.	Scranton ..26-28-30-31-33-34-37-40-42- 43-51-63-65-67-68-69-70-73-76-78-79-89	
Humbert Coal Co.	Jessup	28-65
Inter-City Fuel Co., Inc.	New York, N. Y.	43-53
Jeddo-Highland Coal Co.	Jeddo	46-84
Jermyn & Co.	Scranton	36-72
John-Ames Coal Co.	Forty Fort	39-74
John-Fib Coal Co.	Forty Fort	39-74
Johnson Coal Co.	Jermyn	65
Kemmerer & Co., M. S.	Pottsville	46-84
Kingston Coal Co.	Kingston ..38-43-74-79	
Kirby & Sons, Inc., J. W.	Scranton	26
Lackawanna Coal Co., Ltd.	Scranton	26-63
Lackawanna Fuel Co.	Scranton	31-68
Lackawanna Coal Mining Co.	Peckville	65
Larksville Coal Co.	Scranton	79
Laurel Coal Mining Co.	Mowry	58-95
Lee Coal Co., George F.	Wilkes-Barre	44-81
Legitts Creek Anthracite Co.	Shamokin	30-67
Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre ..42-43- 44-45-48-78-80-81-82-86	
Lehigh Coal & Navigation Co.	Lansford ..50-51-88-89	
Lehigh Valley Coal Co.	Wilkes-Barre ..38-41-42-44-46-49-51-55- 56-58-74-76-78-81-84-87-89-93-94-95	
Lleust Mountain Coal Co.	Shenandoah	56-94
Lytle Coal Co.	Wilkes-Barre	53-91
Maryd Coal Co.	Hazleton	51-89
Mid-City Coal Co.	Scranton	30-67
Midvalley Coal Co.	Hazleton	59-95
Mill Creek Coal Co.	Frackville	51-89
Moffat, W. Y.	Minooka	33-69
Moffat Coal Co., W. Y.	Minooka	69
Mount Jessup Coal Co., Ltd.	Peckville ..26-34-64-70	
Mount Lookout Coal Co.	Scranton	38-75
Murray B. Coal Co.	Carbondale	64

Operator	Address of Gen. Supt.	Page
Murrin Coal Co.	Carbondale	29-65
Nanticoke Valley Coal Co.	Nanticoke	82
Nay-Aug Coal Co.	Dunmore	34-70
Northern Anthracite Coal Co.	Mildred	26-64
Oak Hill Coal Co.	Minersville	53
Pardee Brothers & Co., Inc.	Lattimer Mines	46-85
Park Hill Coal Co.	Scranton	69
Pennsylvania Coal Co.	Scranton	31-34-36-37-68-70-72-73
Petersburg Coal Co.	Scranton	31-68
Philadelphia & Reading Coal & Iron Co.	Pottsville	52-54-55-56-58-60-61-62-90-91-93-94-95-97-98-99
Pine Hill Coal Co.	Minersville	54-92
Pittston Coal Mining Co.	Pittston	44-81
Pleasant Mount Coal Co.	Scranton	30
Plymouth Red Ash Coal Co.	Scranton	43-80
Powell & Jennings	Minooka	69
Price-Pancoast Coal Co.	Scranton	31-68
Quinn Coal Co.	Scranton	34-37-70
Racket Brook Coal Co.	Carbondale	27-64
Raub Coal Co.	Luzerne	41-77
Raven Run Coal Co.	Hazleton	56-94
Reap-Murphy Coal Co.	Scranton	72
Red Ash Coal Co.	Wilkes-Barre	42-78
Reese & Son, Thomas R.	Audenried	49
Repllier Coal Co.	Minersville	59-92-96
Rhondda Coal Co.	Scranton	29-66
Richmondale Coal Co.	Richmondale	27-64
Robertson Coal Co.	Scranton	27-64
Rose Coal Co.	Scranton	63
Saint Clair Coal Co.	Pottsville	52-90
Schlosser, Trustee, M.	Forest City	27
Schuylkill Valley Coal Co.	Pottsville	52-90
Seranton Anthracite Briquette Co.	Dickson City	71
Seranton Anthracite Coal Co.	Scranton	33-35-69-71
Seranton Coal Co.	Peckville	27-28-32-34-64-66-67-68-70
Se-Rob Coal Co.	Scranton	32-68
Shamokin Red Ash Coal Co.	Shamokin	60-97
Sherman Coal Corporation	Pottsville	54-92
Shipman Koal Co.	Shenandoah	61-98
Slocum Hollow Coal Co.	Scranton	69
Spencer Coal Co.	Scranton	35-71
Stackhouse Coal Co., E. S.	Shickshinny	45-82
Staples & Bell, Inc., & Dexter & Carpenter Inc.	Scranton	32
Suffolk Coal Co.	Scranton	36-72
Superior Anthracite Coal Co.	Peckville	64-98
Susquehanna Collieries Co.	Wilkes-Barre	45-56-60-61-62-83-94-97-98-99
Temple Coal Co.	Scranton	27-28-38-64-66-75
Thomas Colliery Co.	Frackville	57-94

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Thouron Coal Co.	Shamokin	52-90
Traders Coal Co.	Scranton	41-77
Trevortown Colliery Co.	Shamokin	61-98
Upper Lehigh Coal Co.	Hazleton	47
Van Wickle Estate, A. S.	Hazleton	49-87
Von Storch Collieries Co.	Scranton	30-67
Wentz Co.	Hazleton	85
Wentz & Co., J. S.	Hazleton	47-85
West End Coal Co.	Scranton	45-83
West Nanticoke Coal Co.	Philadelphia	44-81
Wilkes-Barre Colliery Co.	Frackville	41-77
Wolf Collieries Co., Inc.	Freeland	47-85
York Farm Coal Co.	Philadelphia	54-92



